



Certificate No: UC-C287V88-4386-4767-6656-6993864386  
Certificate URL: [www.udemy.com/certificate/UC-C287V88-4386-4767-6656-6993864386](https://www.udemy.com/certificate/UC-C287V88-4386-4767-6656-6993864386)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Python for Machine Learning: A Step-by-Step Guide

Instructors: **Laxmi Kant | KGP Talkie**

**Sagnik Basu**

Date: **May 15, 2023**

Length: **32 total hours**



Certificate no: UC-7288110-3d76-438e-9f8e-7287703e05ed  
Certificate url: <https://www.udacity.com/certificate/UC-7288110-3d76-438e-9f8e-7287703e05ed>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors: **SAP Easy Learning For Beginners**

## Sagnik Basu

Date: **May 21, 2023**

Length: **56.5 total hours**



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380129

To  
SAYAN GUPTA  
23/RS DEY PARA LANE  
DEY PARA LANE  
HIGLI CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO. 7859683788

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN GUPTA**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **75** %

Online Assignments	24.17/25	Proctored Exam	51.25/75
--------------------	----------	----------------	----------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2739

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450281

To  
SAYAN GUPTA  
23/RS DEY PARA LANE  
DEY PARA LANE  
HIGLI CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO. 7859683788

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN GUPTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450281

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39561450262

To  
MONISH KUMAR BAIRAGI  
BISHA HARITALA, SURERPUNJIB  
CHANDANRAGAR  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO :9106741265

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MONISH KUMAR BAIRAGI**  
for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **79** %

Online Assignments	23/25	Programming Exam	25/25	Proctored Exam	30.84/50
--------------------	-------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39561450240

To  
SUBHAJIT MUKHERJEE  
29, R.C. GHOSAL LANE  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :9851652969

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT MUKHERJEE**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **62** %

Online Assignments	21.5/25	Programming Exam	20.25/25	Proctored Exam	20/50
--------------------	---------	------------------	----------	----------------	-------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, CDEP & NPTEL, Coordinator  
IIT Bombay



Indian Institute of Technology Bombay





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551570064

To  
ANINDYA SARKAR  
KALIA NIBAS NORTH SCHOOL ROAD, P.O. NONA  
CHANDANPURUS  
BARRACKPORE  
NORTH 24 PARGANAS  
WEST BENGAL  
700122  
PH. NO - 8340954828

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANINDYA SARKAR**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **71** %

Online Assignments	23/25	Programming Exam	25/25	Proctored Exam	22.96/50
--------------------	-------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, CEEF & NPTEL, Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS39551570062

To  
KOULIK DAS  
MANNA PARA ROAD CHRISTIANYA DOBA  
KALISAHAR  
NORTH 24 PARGANAS  
WEST BENGAL  
743134  
PH. NO :7902114688



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOULIK DAS**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **72** %

Online Assignments	22.75/25	Programming Exam	25/25	Proctored Exam	24.15/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL19CS39551570062

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS39551570068

To  
ANIKET CHAKRABORTY  
26/1, MANASHTALA, JONEPUR  
KANCHRAPARA  
NORTH 24 PARGANAS  
WEST BENGAL  
743145  
PH. NO :8607265509



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANIKET CHAKRABORTY**

for successfully completing the course



## An Introduction to Programming Through C++

with a consolidated score of **75** %

Online Assignments	21.25/25	Programming Exam	21/25	Proctored Exam	32.66/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551650827

To  
SAYAN CHAKRABORTY  
82/3 RAMJAL DUTTA ROAD, BHADRANALLI,  
HOOGHLY  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712232  
PH. NO -8648014327



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN CHAKRABORTY**  
for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **66** %

Online Assignments	22.25/25	Programming Exam	20.25/25	Proctored Exam	23.47/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551650829

To  
SANGITA PARUI  
SOUTH SHANPUR, DASNAGAR, HOWRAH  
HOWRAH  
WEST BENGAL  
711105  
PH. NO :983249513



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANGITA PARUI**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **67** %

Online Assignments	23/25	Programming Exam	21.5/25	Proctored Exam	22.45/50
--------------------	-------	------------------	---------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551651166

To  
SIMRAN KUMARI  
VIVEKANAND ROAD, PIPULPATI  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO :7850733458



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SIMRAN KUMARI**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **68** %

Online Assignments	22/25	Programming Exam	25/25	Proctored Exam	20.92/50
--------------------	-------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551651170

To  
MEHULI DAS  
VIVEKANANDA ROAD, POPULPATI  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO :0379651429



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MEHULI DAS**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **68** %

Online Assignments	22.25/25	Programming Exam	25/25	Proctored Exam	20.75/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551651172

To  
SHIVANI RAUT  
D281,M.M. ENCLAVE,MITRA  
MONDAL COLONY,SARAI VIHAR,ANISHABAD  
PATNA  
BIHAR  
800032  
PH. NO :8251267848

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHIVANI RAUT**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **70** %

Online Assignments	19.75/25	Programming Exam	25/25	Proctored Exam	25/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay





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Roll No: NPTEL19CS39551651174

To  
SWETA LILY TUDU  
VIKRAMAND ROAD, PIPULATI  
HOOGLY  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO :9546775119



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWETA LILY TUDU**  
for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **66** %

Online Assignments	21/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551450286

To  
ANUSREE DEY  
VILL+POST+BHANDERHATI,DIST+HOOGHLY,PS+DHANIAHALI  
BHANDERHATI  
HOOGHLY  
WEST BENGAL  
712301  
PH. NO :8910342733

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANUSREE DEY**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **71** %

Online Assignments	23/25	Programming Exam	25/25	Proctored Exam	22.79/50
--------------------	-------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551450288

To  
JAYANTA DHALI  
SHIBPUR 2ND LANE, POST - TRIBENI PS -  
MEGRA  
TRIBENI  
HOOGHLY  
WEST BENGAL  
712503  
PH. NO. -9330540478

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAYANTA DHALI**  
for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **62** %

Online Assignments	20.5/25	Programming Exam	12.5/25	Proctored Exam	29.43/50
--------------------	---------	------------------	---------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551450304

To  
SOUVIK DAS  
13414/2 K.R.D SARANI  
SILIGURI  
JALPAIGURI  
WEST BENGAL  
734006  
PH. NO :8296434128

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK DAS**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **51** %

Online Assignments	14.75/25	Programming Exam	14.25/25	Proctored Exam	22.45/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551450282

To  
SHASWATA DAS  
47/K BANASKAMANA PALLY, JHALJHALIA,  
MALDA  
MALDA  
WEST BENGAL  
732182  
PH. NO : 976974888

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHASWATA DAS**

for successfully completing the course

### An Introduction to Programming Through C++

with a consolidated score of **57** %

Online Assignments	20.25/25	Programming Exam	13/25	Proctored Exam	23.47/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS39551450316

To  
ARIJIT ROY  
EHUDRAM ROSE SARANI, VIVEK PALLY, WEST  
GHOSHARA,  
BALLY  
HOWRAH  
WEST BENGAL  
711227  
PH. NO :396061574

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT ROY**

for successfully completing the course

## An Introduction to Programming Through C++

with a consolidated score of **61** %

Online Assignments	22.75/25	Programming Exam	17.75/25	Proctored Exam	20.58/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 516

Jul-Oct 2019  
(12 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS84541450097

To  
AYON KHASKEL  
116 MAHARAJA NANDE KUMAR ROAD  
KOLKATA  
NORTH 24 PARAGANAS  
WEST BENGAL  
700035  
PH. NO :877039131



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYON KHASKEL**

for successfully completing the course

**Programming In Java**

with a consolidated score of **87** %



Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	37/50
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Total number of candidates certified in this course: 3876

A. Goswami

Jul-Oct 2019  
(12 week course)

Prof. Aditya Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS84541450097

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS32551450220

To  
ARITRO CHATTERJEE  
110 N.C GHOSH SARANI, SHEORAPHULLI,  
HOOGHLY  
WEST BENGAL  
712223  
PH. NO :9163228113



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARITRO CHATTERJEE**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **71** %

Online Assignments	11.50/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15357

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2019  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32551450220

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS32551450238

To  
SHUVAM SAHA  
J.K. SARKAR ROAD  
SHIBBAPHULI  
HOOGHLY  
WEST BENGAL  
712223  
PH. NO : 833489738



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUVAM SAHA**

for successfully completing the course

### Developing Soft Skills and Personality

with a consolidated score of **58** %

Online Assignments	16.83/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15357

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2019  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32551450238

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS32551450166

To  
SUBHAJIT MUKHERJEE  
29, R.C. GHOSAL LANE  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :9851652969



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHAJIT MUKHERJEE**  
for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **64** %

Online Assignments	14.50/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 15357

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2019  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32551450166

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561652402

To  
TARAK ROUTH  
41/1 BHABHAR DUTTA LANE  
SALKIA  
HOWRAH  
WEST BENGAL  
711106  
PH. NO :8777019426



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TARAK ROUTH**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **63** %

Online Assignments	22.50/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561652402

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS35561651918

To

EKTAA SHAW  
19/1 PITAMBAR GHATAK LANE, K.I.T  
BUILDING, BLOCK-2, ROOM-21, KOL-700027  
KOLKATA  
WEST BENGAL  
700027  
PH. NO :8777299622



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**EKTAA SHAW**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **44** %

Online Assignments	14.17/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Exec. Co-ordinating Education & NPTEL Co-ordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561651918

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561650272

To  
PRITHIBA DAS  
75/A,PIRSABAHA AICH BAGAN,  
BARASRI  
NORTH 24 PARGANAS  
WEST BENGAL  
700124  
PH. NO :8017476631

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITHIBA DAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **67** %

Online Assignments	22.08/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561650272

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561570036

To  
SAYANIKA GHOSH  
CHAMPABERIA  
BONGAON  
NORTH 24 PARGANAS  
WEST BENGAL  
743235  
PH. NO :9891526536



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYANIKA GHOSH**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **50** %

Online Assignments	20.00/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561570036

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561570040

To  
RAJ BISWAS  
SHYAMNAGAR, KOWSACHI, HILTALA  
SHYAMNAGAR  
NORTH 24 PARGANAS  
WEST BENGAL  
743127  
PH. NO :7605885721

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAJ BISWAS**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **52** %

Online Assignments	20.00/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561570040

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35561650136

To  
SIBOM MONDAL  
A/AS-13 ANJUNPUR RATHYALA  
KOLKATA  
NORTH 24 PARAGANAS  
WEST BENGAL  
700055  
PH. NO. 8910250395



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SIBOM MONDAL**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	21.25/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561650136

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450037

To  
RAHUL RANJAN  
HETC BOYS HOSTEL NEAR LICHI BAGAN  
MORE GRAND TRUNK RD, BANDEL,  
BANDEL, HOOGHLY  
HOOGHLY  
WEST BENGAL  
712104  
PH. NO - 9340271641

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL RANJAN**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	16.67/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561450067

To  
SANDIP SARKAR  
PURBA BURDWAN, SADAK  
BARDHAMAN  
WEST BENGAL  
712101  
PH. NO. 7430836043

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SANDIP SARKAR**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **56** %

Online Assignments	22.92/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450069

To  
SUBHAM PAL  
4(2/2) N. C. GHOSH SARANI  
SHEORAPHULI  
HOOGHLY  
WEST BENGAL  
712223  
PH. NO /7044757983

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAM PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	21.25/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450069

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450115

To  
SUGATA GHOSAL  
OLABHITALA, WARD NO -14  
KRASBAGH  
HOOGHLY  
WEST BENGAL  
712001  
PH. NO. 8200011391

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUGATA GHOSAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Aditya Goswami  
Exec. Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450115

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450121

To  
DINESH KUMAR GHOSH  
JUNKARA  
FORABAZAR  
HOOGHLY  
WEST BENGAL  
712305  
PH. NO. 8295261368

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DINESH KUMAR GHOSH**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450139

To  
SOURAV DAS  
PURBA GOBINDAPUR, KARMAKARPARA  
PURBA GOBINDAPUR  
HOOGHLY  
WEST BENGAL  
712404  
PH. NO : 8101960473

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV DAS**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **54** %

Online Assignments	20.83/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450139

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35561450155

To  
LIZA BHATTACHARJEE  
C/O JOYDEEP BHATTACHARJEE, NISCHINDA  
MADHYA PARA, NEER/CHITTARANJAN SCHOOL,  
HOWRAH / BALLY  
HOWRAH  
WEST BENGAL  
711227  
PH. NO - 9807696955

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**LIZA BHATTACHARJEE**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	22.92/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450003

To  
SOUMABHA BANERJEE  
3/2D RAMTARAN BHATSACHARYA LANE,  
ARIADANA  
ARIADANA  
NORTH 24 PARGANAS,  
WEST BENGAL  
700057  
PH. NO -9133319026

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMABHA BANERJEE**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	17.08/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450029

To  
SAPTARSHI BHOWMICK  
VILL - TAGRA, P.O - RAMNAGAR, P.S. -  
TARAKESWAR, DIST - HOOGHLY, 91-C  
TAGRA  
HOOGHLY  
WEST BENGAL  
712411  
PH. NO - 9874008961

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAPTARSHI BHOWMICK**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	24.17/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450029

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561450049

To  
ARKA DATTA  
26ND, HAZRAMORE TO TARAKESWAR ROAD  
MORAH  
HOOGHLY  
WEST BENGAL  
712403  
PH. NO :7477882776

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA DATTA**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450095

To  
INDRANIL MANNA  
18 ANNADA BABU GARDEN  
LANE, SERAMPORE, HOOGHLY  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712291  
PH. NO -9133846674

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**INDRANIL MANNA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450103

To:  
RUBAIZ SIDDIQUEE  
VIVEKANANDA RD, PIPULKATI POST,  
CHINSURAH, WEST BENGAL 712103  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO : 981891945

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RUBAIZ SIDDIQUEE**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **69** %

Online Assignments	23.75/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450103

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561450153

To  
RANI PRADHAN  
ICHAPUR CANAL SIDE  
PURBARA  
HOWRAH  
WEST BENGAL  
711104  
PH. NO :9674331917

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RANI PRADHAN**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	18.75/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450153

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450051

To  
AVI SHEE  
154, 22 NO ROAD  
DUMO  
BARDHAMAN  
WEST BENGAL  
712482  
PH. NO :7699046735

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AVI SHEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **56** %

Online Assignments	20.00/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Aditya Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450051

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450099

To  
SOU MODIP TAKI  
S. FARUK CHAND GHOSH LANE  
HOWRAH  
WEST BENGAL  
711104  
PH. NO: 8240508822

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOU MODIP TAKI**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450099

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450035

To  
ASISH SAMANTA  
EISHOREPUR, KHANAKUL  
KISHOREPUR  
HOOGHLY  
WEST BENGAL  
712617  
PH. NO :9547622991

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ASISH SAMANTA**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **54** %

Online Assignments	22.08/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450035

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450053

To  
SWARUP GHOSH  
VILL. KHARRAKANDI  
PO-BENIAGRAM  
PS-TARAKKA

TARAKKA  
MURSHIDABAD  
WEST BENGAL  
742212  
PH. NO. 8348221088

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SWARUP GHOSH**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **58** %

Online Assignments	22.08/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450053

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450137

To  
TRISHA ROY  
753 NATTALA BYE LANE  
HINDMOTOR  
HOOGHLY  
WEST BENGAL  
712233  
PH. NO :7685994018

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TRISHA ROY**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **40** %

Online Assignments	10.42/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450137

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35561450157

To  
BRISTI SEN  
VILL. NAWPARA, BANDEL, P.O.  
DEBANANDAPUR, P.S. POLBA,  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO :9874288112



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BRISTI SEN**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450157

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450175

To  
ABIR DUTTA  
81, KODALIA  
BANDEL  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO /7903556488

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABIR DUTTA**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **43** %

Online Assignments	12.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450175

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35561450177

To  
SAMPURNA MALLICK  
KAMANPARA ROAD, MARKUNDA GOLY,  
CHINSURAH, HOOGHLY  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO - 8340682101



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAMPURNA MALLICK**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*


Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450181

To  
TAPOLABHDHA PAL  
35,NK.B.G.T. ROAD  
BHADRAKALI  
HOOGHLY  
WEST BENGAL  
712232  
PH. NO :5748995558



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**TAPOLABHDHA PAL**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.50/25	Proctored Exam	37/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adrift Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450181

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35561450183

To  
POUSHALI MANNA  
191/A, C. S. MUNHERJEE STREET  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :8617257156



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**POUSHALI MANNA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **73** %

Online Assignments	22.08/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450183

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450185

To  
SUBHAMAYA SEN  
54/2/A KAILASH BOSE 3RD BYE LANE  
HOWRAH  
WEST BENGAL  
711105  
PH. NO :981512224



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHAMAYA SEN**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)

Aug-Oct 2019  
(8 week course)



Indian Institute of Technology Kharagpur





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450189

To  
SAYAR MEEL  
KODALIYA NARAYANPUR SARATSARANI BANDEL  
BANDEL HOOGHLY  
HOOGHLY  
WEST BENGAL  
722123  
PH. NO :890228251



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAR MEEL**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **55** %

Online Assignments	23.75/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450189

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35561450193

To  
ABHRADIP DUTTA  
3 NO KOTA MILITARY COLONY, SAHAGANJ  
BANDEL  
HOOGHLY  
WEST BENGAL  
712104  
PH. NO :8290447562



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABHRADIP DUTTA**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **67** %

Online Assignments	23.75/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Exec. Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35561450193

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1570138

To  
SUBHAJIT ROY  
NH 34 KANALPUR  
CHAKDIRA  
NADIA  
WEST BENGAL  
741222  
PH. NO :8872164737



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT ROY**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **54** %

Online Assignments	21.67/25	Proctored Exam	32.81/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1570138

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1570152

To  
SUMIT KARMAKAR  
2 NO GOBINDANAGAR  
KADANPUR  
NADIA  
WEST BENGAL  
741245  
PH. NO :9830550549



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUMIT KARMAKAR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	24.17/25	Proctored Exam	35.38/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1570152

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450093

To  
AYAN ACHARYYA  
36/5 G ROAD BELGACHIA HOWRAH-711108  
HOWRAH  
WEST BENGAL  
711108  
PH. NO (810)440283

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AYAN ACHARYYA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	23.33/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450093

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35551450121

To  
MOHAR MAITRA  
TYPE-2, SERIES-4, FLAT NO.-E, 1ST FLOOR,  
LAKE CITY APARTMENT  
SIANKUNDU  
HOOGHLY  
WEST BENGAL  
712139  
PH. NO -8817428185



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**MOHAR MAITRA**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **60** %

Online Assignments	24.17/25	Proctored Exam	35.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

A. Goswami

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Aug-Oct 2019  
(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450121

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450167

To  
BIDYUT GHOSH  
VILL- INATHNAGAR, PO- BOHAR  
BATHNAGAR  
BARDHAMAN  
WEST BENGAL  
713422  
PH. NO :8372894882

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDYUT GHOSH**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450167

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450179

To  
WASIF EKBAL  
KAJIMAHALLA, STATION ROAD  
FARDUA  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO :7800815285

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**WASIF EKBAL**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	21.25/25	Proctored Exam	40.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450179

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450191

To  
ANKAN CHATTOPADHYAY  
VILL-SUDARSON, P.O. RAMNATHPUR, P.S. POLRA, DIST-HOOGHLY, PIN-712148  
SUDARSON  
HOOGHLY  
WEST BENGAL  
712148  
PH. NO :9833594888

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ANKAN CHATTOPADHYAY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	13.33/25	Proctored Exam	32.81/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450191

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35551450225

To  
AYAN MONDAL  
MAJUMDAR GOLI  
BALLY DURGAPUR  
HOWRAH  
WEST BENGAL  
711205  
PH. NO -983030901

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN MONDAL**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **55** %

Online Assignments	17.08/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450225

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450079

To  
SANDIPAN PAL  
JOYPUK BILLING, BELANAGAR STATION ROAD,  
BALLY  
HOWRAH  
WEST BENGAL  
711205  
PH. NO :8246601884



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANDIPAN PAL**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **55** %

Online Assignments	22.50/25	Proctored Exam	32.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450079

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450203

To  
SOURAV ROY  
CHANDIPUR, PO-CHANDIPUR-KANPUR,  
PS- BHARAR  
DIST- PURBA BARDHAMAN  
BURDWAN  
BARDHAMAN  
WEST BENGAL  
713126  
PH. NO :8250052895

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **69** %

Online Assignments	23.33/25	Proctored Exam	45.32/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450203

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450069

To  
SUBHANKAR GHOSH  
S/A S.T.ROAD, NAWGA MORE, SERAMPORE,  
HOOGHLY, PIN- 712203  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712203  
PH. NO -848039412

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHANKAR GHOSH**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **56** %

Online Assignments	21.25/25	Proctored Exam	34.37/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450101

To  
RAJ KUMAR SINGH  
8 RAMKRISHNA ROAD, RISHRA, HOOGHLY  
KOLKATA  
HOOGHLY  
WEST BENGAL  
712248  
PH. NO :847898388

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RAJ KUMAR SINGH**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **56** %

Online Assignments	23.33/25	Proctored Exam	32.81/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35551450215

To  
ABHISHEK MANNA  
109, THAKUR DAS DUTTA 1ST BYE LANE,  
KADAMTALA  
HOWRAH  
WEST BENGAL  
711101  
PH. NO :980411021



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABHISHEK MANNA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	23.75/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450215

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450053

To  
SAUGATA SARKAR  
21/6 G ROAD BELGACHIA HOWRAH-711108  
HOWRAH  
WEST BENGAL  
711108  
PH. NO (8777487475)

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAUGATA SARKAR**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **67** %

Online Assignments	23.33/25	Proctored Exam	43.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450053

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35551450119

To  
PARTHIB KUMAR SARKAR  
NEAR NETAJI SPORTS COMPLEX MAIN  
GATE BRINDABANPUR,WARD NO -01,HOUSE NO  
-388  
ARAIBAGH  
HOOGHLY  
WEST BENGAL  
713691  
PH. NO :8101011354

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PARTHIB KUMAR SARKAR**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **60** %

Online Assignments	22.92/25	Proctored Exam	36.94/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450119

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450139

To:  
KUNDAN MUKHERJEE  
VILL - BAGATI, P.O. - MOGRA, P.S. -  
MOGRA, DIST - HOOGHLY  
BAGATI  
HOOGHLY  
WEST BENGAL  
712148  
PH. NO - 977069384

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KUNDAN MUKHERJEE**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450139

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450143

To  
VIDYASAGAR SHARMA  
18/1, HARI CHARAN BANERJEE STREET  
BELLUR  
HOWRAH  
WEST BENGAL  
711282  
PH. NO :9123620118

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**VIDYASAGAR SHARMA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.33/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450143

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450157

To  
SOUMIK GHOSH  
25  
RAJHERGRAM  
BARDHAMAN  
WEST BENGAL  
713128  
PH. NO :9841211846

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMIK GHOSH**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450157

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450241

To  
SUBHADEEP SHOME  
2 NO BASUDEBPUR, TRIBENI, HOOGHLY, PIN  
712583  
TRIBENI  
HOOGHLY  
WEST BENGAL  
712583  
PH. NO -977048888



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHADEEP SHOME**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **67** %

Online Assignments	23.33/25	Proctored Exam	43.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Aditya Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450241

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450245

To  
TUHIN MUKHERJEE  
FRANLA RESIDENCY 3RD FLOOR BLOCK C GT  
ROAD BANDEL  
3RD FLOOR BLOCK C  
BANDEL  
HOOSHLY  
WEST BENGAL  
712133  
PH. NO :7803990438

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**TUHIN MUKHERJEE**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **56** %

Online Assignments	21.67/25	Proctored Exam	34.37/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Exec. Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450245

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450249

To  
SUMAN KUMAR DAS  
23/389,KAMARPARA ROAD PANCHANANTALA  
BONDAL GOLI  
CHINGURAH  
HOOGHLY  
WEST BENGAL  
712191  
PH. NO -8846280431



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUMAN KUMAR DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450249

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450251

To  
ZENIA BANERJEE  
103/1 JOY KRISHNA STREET  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712258  
PH. NO :8777012898

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ZENIA BANERJEE**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **52** %

Online Assignments	21.67/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

**A. Goswami**  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450251

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35551450255

To  
BIKRAMJIT BHATTACHARYA  
51/8/1 BANABAGAN LANE  
SERAMPOR  
HOOGHLY  
WEST BENGAL  
712280  
PH. NO :7053551446



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIKRAMJIT BHATTACHARYA**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **65** %

Online Assignments	22.92/25	Proctored Exam	42.19/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450255

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS35551450259

To  
SANUJA CHAKRABORTY  
D-1/1 SATYAJIT RAJ SARANI  
NABAGRAM HOOGHLY  
KONNAGAR  
HOWRAH  
WEST BENGAL  
712246  
PH. NO -8810085388



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SANUJA CHAKRABORTY**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **57** %

Online Assignments	21.25/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adright Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450259

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450261

To  
SOUMITA MUKHERJEE  
19-A/1 BARABAGAN LANE  
SERAMPOR  
HOOGHLY  
WEST BENGAL  
712281  
PH. NO :7605882529



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMITA MUKHERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	16.67/25	Proctored Exam	34.37/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450261

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450265

To  
AYAN ROY  
VILL+P.O.-DWARBASINI  
DWARBASINI  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO :983069475

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN ROY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	17.50/25	Proctored Exam	39.06/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450269

To  
SUBHADEEP CHANAK  
SABRANGNI  
AKHANGRA  
BANEJRA  
WEST BENGAL  
722149  
PH. NO :7929727219



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHADEEP CHANAK**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	20.42/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450271

To  
TUHIN SUR  
64 NO STREET  
AMEA  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO :8927976151



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TUHIN SUR**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **40** %

Online Assignments	10.00/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450271

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450277

To  
SUDIPTA DWARI  
VILL-BARNANDANPUR ,DIST-HOOGHLY  
PO-NANDANPUR  
BARNANDANPUR  
HOOGHLY  
WEST BENGAL  
712416  
PH. NO :3364994711

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUDIPTA DWARI**  
for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **54** %

Online Assignments	22.50/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

**A. Goswami**  
Prof. Adrift Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450277

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS35551450279

To  
SUSMITA GHOSH  
TALBONA GHOSH PARA,  
TALBONA  
HOOGHLY  
WEST BENGAL  
712134  
PH. NO :825551238



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUSMITA GHOSH**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	18.33/25	Proctored Exam	43.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450279

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS35551450029

To  
SAYANIK DHALI  
PUNJIB  
VILL - PUNJIB  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO :8157845481

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANIK DHALI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **52** %

Online Assignments	19.58/25	Proctored Exam	32.81/75
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Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
(IIT Kharagpur)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS35551450029

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS355S1450045

To  
KRISHANU CHINYA  
SAHAPUR, WARD NO. 15  
TARAKESWAR  
HOOGHLY  
WEST BENGAL  
712410  
PH. NO :8670176368

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KRISHANU CHINYA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	22.50/25	Proctored Exam	39.06/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2054

Aug-Oct 2019  
(8 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19HS355S1450045

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS53561654095

To  
DIP BISWAS  
42,NANDI BAGAN BYE  
LANE,SALKUR,HOWRAH-711106  
SALUDA  
HOWRAH  
WEST BENGAL  
711106  
PH. NO -8478048455

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIP BISWAS**

for successfully completing the course

### Introduction to Machine Learning

with a consolidated score of **54** %

Online Assignments	12.22/25	Proctored Exam	41.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1217



Prof. Devendra Jajhwal  
Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2019  
(12 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS53561654095

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS53561450296

To

ARPAN MANDAL  
VILL+PO JANGALPARA, PS PURSUNAH, DIST  
HOOGHLY, PIN 712401  
HOOGHLY  
WEST BENGAL  
712401  
PH. NO :7478779343



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN MANDAL**

for successfully completing the course

### Introduction to Machine Learning

with a consolidated score of **42** %

Online Assignments	11.97/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1217

Prof. Devendra Jajthai  
Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS53561450296

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS53551651324

To  
CHAITALI ROY  
8LY QTR NO. - BMS UNIT - 4,  
SANTRAGACHI JAGACHA,  
CHOWRANGI BAZAR  
HOWRAH  
WEST BENGAL  
711111  
PH. NO - 8334067488

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHAITALI ROY**

for successfully completing the course

### Introduction to Machine Learning

with a consolidated score of **47** %

Online Assignments	12.59/25	Proctored Exam	34.37/75
--------------------	----------	----------------	----------

Prof. Devendra Jajthai  
Chairman  
Centre for Distance Education, IITM

Total number of candidates certified in this course: 1217

Jul-Oct 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS53551651324

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS53551450328

To  
SAYANTA MONDAL  
KRUJHATI  
KRUJHATI  
BARDHAMAN  
WEST BENGAL  
713106  
PH. NO :8629929284

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYANTA MONDAL**

for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **42** %

Online Assignments	12.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 1217

Jul-Oct 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS53551450328

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS53551450332

To  
SUNIL KUMAR  
VILL PO BARURBA  
SIAMARRI  
BIHAR  
843314  
PH. NO : 9208807962

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUNIL KUMAR**

for successfully completing the course

### Introduction to Machine Learning

with a consolidated score of **42** %

Online Assignments	11.97/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1217



Prof. Devendra Jajthai  
Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2019  
(12 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS53551450332

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19MA23541570089

To  
PRATYAY DEBNATH  
MANOYA ABASAN, 6-15/54, 3RD FLOOR  
KALYANI  
NADIA  
WEST BENGAL  
741235  
PH. NO :9433307816



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRATYAY DEBNATH**

for successfully completing the course



## Introduction to Abstract and Linear Algebra

with a consolidated score of **92** %

Online Assignments	22.92/25	Proctored Exam	68.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 538

A. Goswami

Prof. Aditya Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Aug-Oct 2019  
(8 week course)



Indian Institute of Technology Kharagpur





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Roll No: NPTEL19CE22531651224

To  
RAJDIP PAUL  
108, ULTADANGA MAIN ROAD  
PRATEEK ABASAR, FLAT C/2,  
KOLKATA  
WEST BENGAL  
700057  
PH. NO :9831266188



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RAJDIP PAUL**

for successfully completing the course



## Design of Reinforced Concrete Structures

with a consolidated score of **95** %

Online Assignments	24.69/25	Proctored Exam	70.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 983

Jul-Oct 2019  
(12 week course)

A. Goswami

Prof. Aditya Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE22531651224

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19CE22S31651226

To  
ARPITA DAS  
13/884  
PROTAPPUR, CHHESLEBAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO :9831250555



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPITA DAS**

for successfully completing the course

## Design of Reinforced Concrete Structures



with a consolidated score of **92** %

Online Assignments	24.69/25	Proctored Exam	67.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 983

Jul-Oct 2019  
(12 week course)

A. Goswami

Prof. Adrish Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE22S31651226

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS74541650846

To  
SUBHAJIT ROY  
EKKA APARTMENT, FLAT-A2, 2ND FLOOR, 46  
BRINDABAN MAIN ROAD, PO- PANCHASAYAR  
GARIA  
SOUTH 24 PARAGANAS  
WEST BENGAL  
700094  
PH. NO. 796063295

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT ROY**

for successfully completing the course

## Switching Circuits and Logic Design



with a consolidated score of **87** %

Online Assignments	24.84/25	Proctored Exam	62.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 568

Jul-Oct 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS74541650846

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS74541450136

To  
SUBHOJIT MALIK  
"BISHNU BITAN" & OLD KAPASDANGA  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO. 9830173510

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHOJIT MALIK**

for successfully completing the course

## Switching Circuits and Logic Design

with a consolidated score of **77** %

Online Assignments	24.53/25	Proctored Exam	52.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 568

Jul-Oct 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS74541450136

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19MG36541450158

To  
ARUP MAITI  
89 INDIRA GANDHI ROAD  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :9433832946



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARUP MAITI**

for successfully completing the course

**Management Accounting**

with a consolidated score of **86** %

Online Assignments	22.69/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 185

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Oct 2019  
(12 week course)

Prof. Indradeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG36541450158

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19CS47551450351

To  
SRIMANTA GHOSH  
BINAGRAM GHOSH PARA  
BINAGRAM  
HOOGHLY  
WEST BENGAL  
712401  
PH. NO : 7908061389

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SRIMANTA GHOSH**

for successfully completing the course

### Design and Analysis of Algorithms

with a consolidated score of **52** %

Online Assignments	18/25	Proctored Exam	33.75/75
--------------------	-------	----------------	----------



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 465

Aug-Oct 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS47551450351

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS47551450345

To  
SURAJ KUMAR MOURYA  
12/1/G HARICHARAN BANERJEE STREET  
KHAMARPARA  
HOWRAH  
WEST BENGAL  
711282  
PH. NO :983327318



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SURAJ KUMAR MOURYA**  
for successfully completing the course

### Design and Analysis of Algorithms

with a consolidated score of **52** %

Online Assignments	18/25	Proctored Exam	33.75/75
--------------------	-------	----------------	----------

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 465

Aug-Oct 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19MG38521380172

To  
ARUP MAITI  
89 INDIRA GANDHI ROAD  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712235  
PH. NO :543882946

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARUP MAITI**  
for successfully completing the course  
**Cost Accounting**

with a consolidated score of **80** %

Online Assignments	23.33/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 670

Jul-Aug 2019  
(4 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL19MG38521380172

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19MG37511380288

To  
ARUP MAITI  
89 INDIRA GANDHI ROAD  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712235  
PH. NO :543882946



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARUP MAITI**

for successfully completing the course

**Financial Accounting**

with a consolidated score of **82** %

Online Assignments	21.10/25	Proctored Exam	61.22/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 510

Jul-Sep 2019  
(8 week course)

  
Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL19MG37511380288

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21560686

To  
ROHAN MUKHERJEE  
SHUKHOBISHTI (SHAPOORJI) COMPLEX,  
J-18/706, NEWTOWN ACTION AREA - III  
NEWTOWN AA - III  
NORTH 24 PARGANAS,  
WEST BENGAL  
700135  
PH. NO-8334961633



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ROHAN MUKHERJEE**  
for successfully completing the course



## Technical English for Engineers

with a consolidated score of **75** %

Online Assignments	20.42/25	Proctored Exam	55/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21560686

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21560718

To  
SIBOM MONDAL  
A/AS-13 ARJUNPUR BATHALA  
KOLKATA  
NORTH 24 PARGANAS  
WEST BENGAL  
700055  
PH. NO. 8910250395



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SIBOM MONDAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **65** %

Online Assignments	21.67/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

*Devendra Jaitkal*

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21560718

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380099

To  
DEBJYOTI PAL  
EAST BIDHANPALLY ICCHAPUR  
BARRACKPORE  
NORTH 24 PARGANAS  
WEST BENGAL  
743144  
PH. NO /7982713465



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBJYOTI PAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	17.92/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380099

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380101

To  
SUGATA GHOSAL  
OLABHITALA, WARD NO-14  
KRASBAGH  
HOOGHLY  
WEST BENGAL  
712001  
PH. NO. 8200011391



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUGATA GHOSAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **68** %

Online Assignments	21.67/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380101

To validate and check scores: <https://npTEL.ac.in/noc/>

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Roll No: NPTEL19HS31S21380103

To  
BISHAL RAM  
DAKSHINAYAN ENGLAND  
CHUEHURA  
HOOGHLY  
WEST BENGAL  
712182  
PH. NO :9129042997

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BISHAL RAM**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **70** %

Online Assignments	20.00/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380103

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380105

To  
ARKADATTA  
VILL+PO- MORAH, DIST - HOOGHLY, PT -  
KARIPAL  
MORAH  
HOOGHLY  
WEST BENGAL  
712483  
PH. NO :7479883736



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADATTA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **68** %

Online Assignments	18.33/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380105

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380107

To  
ABHISHEK KUMAR YADAV  
136 A.T GHOSH ROAD  
RAHURI  
NORTH 24 PARGANAS  
WEST BENGAL  
743196  
PH. NO :745092881



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABHISHEK KUMAR YADAV**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

Online Assignments	19.17/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734

Prof. Devendra Jajhwal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380107

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380109

To  
SOURAV KUNDU  
CHICKRANO JALAPARA, JANAI ROAD, HOOGHLY  
JANAI ROAD  
HOOGHLY  
WEST BENGAL  
712304  
PH. NO :7860938278

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOURAV KUNDU**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **56** %

Online Assignments	17.08/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380109

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380113

To  
SAYANTAN GHOSH  
29/1 K.B.AVENUE  
BHADRESWAR  
HOOGHLY  
WEST BENGAL  
712124  
PH. NO :9871386073



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYANTAN GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	17.92/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380113

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380115

To  
ARKADIP SANTRA  
BHALORE  
KHALORE  
HOWRAH  
WEST BENGAL  
711303  
PH. NO :8291772737



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADIP SANTRA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	15.00/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380117

To  
AVIRUP MUKHERJEE  
82/5A S.C. AGN ROAD  
RISHRA  
HOOGHLY  
WEST BENGAL  
712248  
PH. NO : 8777654196



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AVIRUP MUKHERJEE**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	22.08/25	Proctored Exam	50.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380117

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380129

To  
BARSAN PAL  
TILIPARA  
BEGANPUR  
HOOGHLY  
WEST BENGAL  
712306  
PH. NO. 9296371178



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	19.17/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380129

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380137

To  
SAYAN MUKHERJEE  
FALLAROAD  
PO. FALLAROAD  
BARDHAMAN  
WEST BENGAL  
713131  
PH. NO :8295221184

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYAN MUKHERJEE**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	21.67/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380143

To  
ABHRADEEP DAS  
197, KOTRILING, G.T. ROAD  
HINDMOTOR  
HOOGHLY  
WEST BENGAL  
712233  
PH. NO /988873358



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABHRADEEP DAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	22.50/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380143

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380145

To  
DEBDUT ROY  
4/D BUTTAPARA LANE BHADRAKALI  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712232  
PH. NO :9836927991



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBDUT ROY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	19.58/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380145

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380147

To  
BIRENDRA SHAW  
BANRA MISHRA PARA, BANRA, HOWRAH  
BANRA  
HOWRAH  
WEST BENGAL  
711403  
PH. NO :7685065484



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIRENDRA SHAW**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	18.33/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380147

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21490012

To  
SUBINIT NANDI  
B-14/13, KALYANI, NADIA, WEST BENGAL  
TOWN  
NADIA  
WEST BENGAL  
741235  
PH. NO :877253745

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

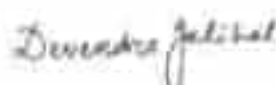
**SUBINIT NANDI**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **54** %

Online Assignments	13.75/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21490012

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21490012

To  
SUBINIT NANDI  
B-14/13, KALYANI, NADIA, WEST BENGAL  
TOWN  
NADIA  
WEST BENGAL  
741235  
PH. NO :877252745



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBINIT NANDI**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **54** %

Online Assignments	13.75/25	Proctored Exam	40.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21490012

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21560062

To  
PRITHIBA DAS  
75/A, PURBACHHA, RICH BAGAN, GHOLA KACHARI  
ROAD  
BARASAT  
NORTH 24 PARGANAS,  
WEST BENGAL  
700124  
PH. NO -8817476231



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITHIBA DAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **73** %

Online Assignments	18.33/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21560062

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380013

To  
ARGHYA CHAKRABORTY  
A-107 AMARABATI DEFENCE COLONY  
DURGAPUR  
BARDHAMAN  
WEST BENGAL  
713241  
PH. NO :758560025



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARGHYA CHAKRABORTY**  
for successfully completing the course



## Technical English for Engineers

with a consolidated score of **79** %

Online Assignments	23.33/25	Proctored Exam	55.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380013

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380015

To  
ADITYA KUMAR SHARMA  
KINJAL APARTMENT FLAT NO.104 BLOCK A,  
32 NETAJI SUBHAS ROAD LULUJAH HOWRAH  
SILIGUDDI  
HOWRAH  
WEST BENGAL  
711234  
PH. NO - 977954088

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ADITYA KUMAR SHARMA**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **56** %

Online Assignments	18.75/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380015

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380017

To  
SHRI HARI PANDEY  
1/A S.C.CHATTERJEE SARAN MULLICKPARA  
SERAMPORS  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712203  
PH. NO -833001945

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHRI HARI PANDEY**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **50** %

Online Assignments	12.50/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380017

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380019

To  
RAJARSHI PAKRASHI  
133, PATUA PARA LANE  
SERAMPORS  
HOOGHLY  
WEST BENGAL  
712281  
PH. NO :9851154422



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RAJARSHI PAKRASHI**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	16.67/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras




Roll No: NPTEL19HS31S21380019

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380021

To  
HRITHICK BISWAS  
VILLAGE GOLDEN PARK, ARSHRAM MATH, P.O.-  
SOUTH NALDANGA,  
HOOGHLY-712123  
BANDEL  
HOOGHLY,  
WEST BENGAL  
712123  
PH. NO.9831375215

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**HRITHICK BISWAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **71** %

Online Assignments	14.58/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380021

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380023

To  
KRISHANU CHINYA  
WARD NO. 15  
SAHAPUR  
HOOGHLY  
WEST BENGAL  
712410  
PH. NO :8670176368



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KRISHANU CHINYA**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **77** %

Online Assignments	21.25/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380023

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380025

To  
SUBHAM PAL  
4(2/2) N. C. GHOSH SARANI  
SHEORAPHULI  
HOOGHLY  
WEST BENGAL  
712223  
PH. NO /7044757982



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAM PAL**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **77** %

Online Assignments	21.25/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380027

To  
SOURAV DAS  
KARMAKARPARA  
PURBA GOBINDPUR  
HOOGHLY  
WEST BENGAL  
712404  
PH. NO :8101960473



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV DAS**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **75** %

Online Assignments	21.67/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

*Devendra Jaitkal*

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380027

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380029

To  
SWARUP GHOSH  
VILL-FARAKKA  
PO-FARAKKA BARRAGE  
PS-FARAKKA  
FARAKKA  
MURSHIDABAD  
WEST BENGAL  
743243  
PH. NO :8348221086

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SWARUP GHOSH**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **75** %

Online Assignments	23.75/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380029

To validate and check scores: <https://nptel.ac.in/noc/>

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Roll No: NPTEL19HS31S21380033

To  
MD TAUSIF  
WARD-09  
CHANDCHAURMATHURAPUR  
SAMASTIPUR  
BIHAR  
846114  
PH. NO :8204150058



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MD TAUSIF**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **52** %

Online Assignments	21.25/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaiswal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380035

To  
KANISHKA KUMAR GUPTA  
E/2,101,SUBHASH NAGAR HOUSING  
COMPLEX,PRADYAN NAGAR,  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712249  
PH. NO -7506813181

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KANISHKA KUMAR GUPTA**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **58** %

Online Assignments	12.50/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380035

To validate and check scores: <https://nptel.ac.in/noc/>

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Roll No: NPTEL19HS31S21380037

To  
DEBADYUTI KARMAKAR  
7, N S ROAD, PO: M.G COLONY  
BANKUNDU  
HOOGHLY  
WEST BENGAL  
712139  
PH. NO :8813262979



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEBADYUTI KARMAKAR**  
for successfully completing the course

### Technical English for Engineers

with a consolidated score of **54** %

Online Assignments	21.25/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380039

To  
BIDYUT GHOSH  
VILL- INATHNAGAR, PO- BOHAR PS-MEMARI  
BATHNAGAR  
BARDHAMAN  
WEST BENGAL  
713422  
PH. NO :8372894982



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDYUT GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	21.25/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380039

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380041

To  
ASISH SAMANTA  
KISHOREPUR  
KISHOREPUR  
HOOGHLY  
WEST BENGAL  
712617  
PH. NO :9547622991

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ASISH SAMANTA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **65** %

Online Assignments	23.33/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380043

To  
TUHIN SUBHRA SINHA  
ARJUNAH  
ARJUNARI  
MIDNAPORE  
WEST BENGAL  
721222  
PH. NO :9547588228

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**TUHIN SUBHRA SINHA**  
for successfully completing the course

### Technical English for Engineers

with a consolidated score of **55** %

Online Assignments	23.33/25	Proctored Exam	31.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380045

To  
SAMPURNA MALLICK  
KAMANPARA ROAD, MARKUNDA GOLY,  
CHINSURAH, HOOGHLY  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO. -8340682191

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAMPURNA MALLICK**  
for successfully completing the course



## Technical English for Engineers

with a consolidated score of **77** %

Online Assignments	21.25/25	Proctored Exam	55.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380045

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380047

To  
WASIF EKBAL  
KAJIRAPALLA, STATION ROAD  
FARDUA  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO :7800815285



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**WASIF EKBAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	21.25/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380047

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380051

To  
TAPOLABHDHA PAL  
35,NK.B.G.T. ROAD  
BHADRAKALI  
HOOGHLY  
WEST BENGAL  
712232  
PH. NO :8748995558



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**TAPOLABHDHA PAL**

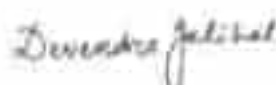
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **71** %

Online Assignments	22.50/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380051

To validate and check scores: <https://nptel.ac.in/noc/>

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Roll No: NPTEL19HS31S21380053

To  
POUSHALI MANNA  
191/A, C. S. MUNHERJEE STREET  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :8617257156



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**POUSHALI MANNA**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **87** %

Online Assignments	24.58/25	Proctored Exam	62.25/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL19HS31S21380057

To  
AZAD SINGH  
BAZRA, BHOLA ROAD  
CHANDANMAGAR  
HOOGHLY  
WEST BENGAL  
712139  
PH. NO : 8607418194



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AZAD SINGH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	21.25/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380057

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380059

To  
SREYAM SINGH  
84/2/2 BARABAGAN LANE, ANNAPURNA  
APARTMENT, 1ST FLOOR, FL NO.103  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712203  
PH. NO :7962284379



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SREYAM SINGH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **52** %

Online Assignments	13.33/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380059

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380061

To:  
SOUNAKCHAKRABORTY  
BARASAT GABERDHAR(EAST)  
CHANDANMAGAR  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO :847889168



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUNAKCHAKRABORTY**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	24.17/25	Proctored Exam	48/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380061

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380063

To  
VIDYASAGAR SHARMA  
187/1 HARI CHARAN BANERJEE STREET  
BELLUR  
HOWRAH  
WEST BENGAL  
711282  
PH. NO :9123620118



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**VIDYASAGAR SHARMA**  
for successfully completing the course



## Technical English for Engineers

with a consolidated score of **77** %

Online Assignments	23.33/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380065

To  
INDRANIL MANNA  
16 ANNADA BABU GARDEN  
LANE, SERAMPORE, HOOGHLY  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712291  
PH. NO -983280965

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**INDRANIL MANNA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	22.50/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380065

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380067

To  
HRITAMA SINHA  
ST NO.22,QRS NO.48A,CHITTARANJAN,BURDWAN  
CHITTARANJAN  
BARDHAMAN  
WEST BENGAL  
713331  
PH. NO :7908705318



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**HRITAMA SINHA**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **75** %

Online Assignments	22.92/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380069

To  
CHANDRACHUR MUKHERJEE  
61, NAGENDRANATH MUKHERJEE ROAD  
KOLKATA  
NORTH 24 PARAGANAS  
WEST BENGAL  
700114  
PH. NO : 8607253212



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**CHANDRACHUR MUKHERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	20.83/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380069

To validate and check scores: <https://nptel.ac.in/noc/>

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Roll No: NPTEL19HS31S21380071

To  
VIJAY KUMAR SINGH  
72/AB BANANGACHI RAILWAY COLONY SALKIA  
HOWRAH  
WEST BENGAL  
711106  
PH. NO : 833005438



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**VIJAY KUMAR SINGH**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

Online Assignments	20.00/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380075

To  
BIKAS KUMAR PANDEY  
11/A NABINALLY  
RISHRA  
HOOGHLY  
WEST BENGAL  
712230  
PH. NO :980126128



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIKAS KUMAR PANDEY**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	21.25/25	Proctored Exam	38.5/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380077

To  
RAYA PAL  
VILL:KULATEGHARI,PO:KESHARCHAK,PS:TARAKESWAR, DIST:HOOGHLY, PIN-712410  
KULATEGHARI  
HOOGHLY  
WEST BENGAL  
712410  
PH. NO :7947759798



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAYA PAL**

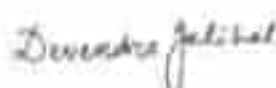
for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **77** %

Online Assignments	21.67/25	Proctored Exam	55.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380077

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380079

To  
VIKASHTIWARI  
40/A S K NAGAR ,NAYA BASTI  
RISHRA  
HOOGHLY  
WEST BENGAL  
712249  
PH. NO :988654544



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VIKASHTIWARI**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **55** %

Online Assignments	10.42/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380081

To  
RAHUL BERA  
PITRI MATRI BHABAN, KHANJANCHAK, HALDIA,  
HALDIA  
MIDNAPORE  
WEST BENGAL  
721002  
PH. NO :7719197291



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL BERA**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **76** %

Online Assignments	22.08/25	Proctored Exam	54/75
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Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380083

To  
DINESH KUMAR GHOSH  
VILL-JUKERARA, POST-PORABAZAR, P.S-GADPUR, PIN-712305  
JUKERARA  
HOOGHLY  
WEST BENGAL  
712305  
PH. NO :8295261368



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DINESH KUMAR GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

Online Assignments	20.83/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380083

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380085

To  
ARPITPATRA  
IN1 SANDAPALLY SEC-2  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712245  
PH. NO :8291460254



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPITPATRA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **50** %

Online Assignments	15.42/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380087

To  
TRISHA ROY  
75/2 BATTALA RYE LANE  
HINDMOTOR  
HOOGHLY  
WEST BENGAL  
712283  
PH. NO :7685984818



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TRISHA ROY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	15.00/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380087

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380089

To  
SONIYA JANA  
HARISHNAGAR, SINGUR, HOOGHLY  
HARISHNAGAR  
HOOGHLY  
WEST BENGAL  
712409  
PH. NO -9674689966



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SONIYA JANA**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	19.17/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S21380091

To  
SAYAR MEEL  
KODALIYA NARAYANPUR SARATSARANI BANDEL  
BANDEL HOOGHLY  
HOOGHLY  
WEST BENGAL  
722123  
PH. NO :895228251



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAR MEEL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	18.75/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jathal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380091

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380095

To  
MOHAR MAITRA  
TYPE-3, SERIES-4, 1ST FLOOR, FLAT NO-  
E, LAKE CITY APARTMENT  
MANKUNDU  
HOOGHLY  
WEST BENGAL  
712139  
PH. NO -8817438185

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOHAR MAITRA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **70** %

Online Assignments	22.50/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21380095

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S21380097

To  
SOU MODIP TAKI  
S. FAKIR CHAND GHOSH LANE  
HOWRAH  
WEST BENGAL  
711104  
PH. NO: 8240508822



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOU MODIP TAKI**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **52** %

Online Assignments	18.33/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S11560965

To  
SWAGATA ROY  
RD/0 R.C.GHOSHAL LANE  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712225  
PH. NO :7958127714



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWAGATA ROY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	16.67/25	Proctored Exam	43.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560965

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS31S11560737

To  
RISHIRAJ BAGCHI  
27/A RAMKRISHNA NAGAR , P/O LASKARPUR  
KOLKATA  
WEST BENGAL  
700153  
PH. NO :0331863008



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RISHIRAJ BAGCHI**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **78** %

Online Assignments	22.50/25	Proctored Exam	55.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560737

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511560629

To  
KUNTAL NASKAR  
102  
SERAMPORS  
HOOGHLY  
WEST BENGAL  
712280  
PH. NO /986225821



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KUNTAL NASKAR**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **75** %

Online Assignments	21.25/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511560629

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511560503

To  
SOUMABHA BANERJEE  
3/2 D RAM TARAN BHATTACHARYYA LANE  
KRIADANA  
NORTH 24 PARGANAS  
WEST BENGAL  
700057  
PH. NO :9123315028



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMABHA BANERJEE**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	19.58/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jathal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511560503

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S11560505

To  
SOUVIK KUNDU  
S/1 NILGUNJ ROAD, PIYALI APARTMENT, FLAT  
NO- 13  
BELGHORIA  
NORTH 24 PARGANAS,  
WEST BENGAL  
700056  
PH. NO -9874822648



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK KUNDU**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **69** %

Online Assignments	21.25/25	Proctored Exam	47.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560505

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS31S11560507

To  
EKTA SHAW  
19191 PITAMBAR BHATAK LANE, K.I.T.  
BUILDING,  
BLOCK-2, ROOM-23, KOLKATA-700027  
KOLKATA  
WEST BENGAL  
700027  
PH. NO - 977739622



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**EKTA SHAW**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **65** %

Online Assignments	15.00/25	Proctored Exam	49.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560507

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S11560509

To  
NEHA PRASAD  
7/5 NEW JHEEL ROAD ESTATE COSSIPORE,  
KOLKATA -700082  
COSSIPORE  
KOLKATA  
WEST BENGAL  
700082  
PH. NO -8861944278

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NEHA PRASAD**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	16.67/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560509

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31S11560511

To  
TARAK ROUTH  
41/1 BHABHAR DUTTA LANE  
SALMA  
HOWRAH  
WEST BENGAL  
711106  
PH. NO :8777018426



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TARAK ROUTH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **71** %

Online Assignments	22.50/25	Proctored Exam	48.75/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560511

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S11560513

To  
SHAHIL MAJI  
19/A TITALA TALA LANE  
KOLKATA  
WEST BENGAL  
700011  
PH. NO :9674623831



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAHIL MAJI**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	20.42/25	Proctored Exam	46.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11560513

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31S11560515

To  
ABHISHEK MANNA  
10/PLTHAKUR DAS DUTTA 1ST RYE LANE  
KADAMTALA, HOWRAH - 711101  
HOWRAH  
WEST BENGAL  
711101  
PH. NO :9330411021



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABHISHEK MANNA**  
for successfully completing the course



## Technical English for Engineers

with a consolidated score of **85** %

Online Assignments	23.75/25	Proctored Exam	60.75/75
--------------------	----------	----------------	----------

*Devendra Jaitkal*

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511560026

To  
SAYANIKA GHOSH  
CHARDARA ROAD, CHAMPABERIA  
BONGAON  
NORTH 24 PARGANAS  
WEST BENGAL  
743235  
PH. NO :9891526536



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYANIKA GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **58** %

Online Assignments	17.08/25	Proctored Exam	40.5/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511560042

To  
SOUVIK HALDER  
DOOR NO. 309, P.O. P.S. - BONGAON  
KURBAJARA  
NORTH 24 PARGANAS  
WEST BENGAL  
743235  
PH. NO :5282319073



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK HALDER**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	20.83/25	Proctored Exam	48.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511560042

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511490003

To  
PARTHA BISWAS  
HOUSE NO.-NS272, RANAGHAT - GUYTAPULIA  
RD  
GOJLA  
NADIA  
WEST BENGAL  
741501  
PH. NO -3801267966



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PARTHA BISWAS**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **78** %

Online Assignments	22.08/25	Proctored Exam	55.88/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511490003

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31S11490005

To  
SUBHAJIT ROY  
NH 34 KANALPUR  
CHANDRA  
NADIA  
WEST BENGAL  
741222  
PH. NO :8872164737

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT ROY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **73** %

Online Assignments	22.50/25	Proctored Exam	50.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S11490005

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511490007

To:  
SOUFYADIP GUHA  
RADANPUR, 2ND GOBINDANAGAR  
RADANPUR  
NADIA  
WEST BENGAL  
741245  
PH. NO :574852811



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUFYADIP GUHA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	14.17/25	Proctored Exam	46/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511490011

To  
OINDRILA BHATTACHARYYA  
ESADSOPE PARA ROAD  
BHATPARA  
NORTH 24 PARGANAS  
WEST BENGAL  
743123  
PH. NO :8617251163



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**OINDRILA BHATTACHARYYA**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **76** %

Online Assignments	22.92/25	Proctored Exam	53.25/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511490011

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511490013

To  
SOUVIK SARKAR  
3ND  
DURGAMCHERU, CHEKKOORA  
NADIA  
WEST BENGAL  
741222  
PH. NO :7477577628



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUVIK SARKAR**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **51** %

Online Assignments	19.17/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380001

To  
RAJDEEP GHOSH  
NEAR ANBAGAN SADHARAN PATHNAGAR, BURNPUR,  
KANSOL,  
BARDHAMAN  
WEST BENGAL  
713325  
PH. NO :8101862224



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RAJDEEP GHOSH**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **80** %

Online Assignments	23.33/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380001

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380013

To  
TUHIN MUKHERJEE  
FRANLA RESIDENCY 3RD FLOOR BLOCK C G1  
ROAD BANDEL  
3RD FLOOR BLOCK C  
BANDEL  
HOOSHLY  
WEST BENGAL  
712133  
PH. NO :7803990438

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**TUHIN MUKHERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	22.08/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380013

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380015

To  
AYAN MONDAL  
MAZUMBAR GOLA  
BALLY DURGAPUR  
HOWRAH  
WEST BENGAL  
711205  
PH. NO -9830360901



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN MONDAL**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **81** %

Online Assignments	23.33/25	Proctored Exam	57.38/75
--------------------	----------	----------------	----------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380015

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380017

To  
ABIR DUTTA  
81, KODALIA  
BANDEL  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO :7902556488

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABIR DUTTA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	19.17/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380017

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380019

To  
PARTHIB KUMAR SARKAR  
HOUSE NO-368, NEAR NETAJI SPORTS  
COMPLEX MAIN GATE, ARAMBAGH  
BRINDABANPUR  
HOOGHLY  
WEST BENGAL  
712601  
PH. NO -8101011334

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PARTHIB KUMAR SARKAR**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **70** %

Online Assignments	21.67/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380019

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380021

To  
MOHIT BHRIGUVANSHI  
12B,CIVIL LANE,ADARSH NAGAR  
KANAIPIUR  
HOOGHLY  
WEST BENGAL  
712246  
PH. NO :7902134834

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**MOHIT BHRIGUVANSHI**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **68** %

Online Assignments	16.25/25	Proctored Exam	51.38/75
--------------------	----------	----------------	----------



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380023

To  
NILIMESH GHOSH  
49/D B.P.M. ROAD, SUJATA APARTMENT FALT  
NO.- 101  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712258  
PH. NO - 977927137



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**NILIMESH GHOSH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	16.25/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380023

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380025

To  
SANDIPAN PAL  
JOYPUR BILINJI, BELANAGAR, BALLY, HOWRAH  
BELANAGAR  
HOWRAH  
WEST BENGAL  
711205  
PH. NO : 824601804



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANDIPAN PAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **73** %

Online Assignments	23.33/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380025

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380027

To

ABINASH KUMAR CHOURASIA  
1041, ARKABINDAPALLY KANTHADHAR  
ICHAPORE, P.O. - MARRIGUNJ, P.S. - MOAPARA  
ICHAPORE  
NORTH 24 PARGANAS,  
WEST BENGAL  
743144  
PH. NO - 9812073719



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABINASH KUMAR CHOURASIA**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **56** %

Online Assignments	19.58/25	Proctored Exam	36.38/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380031

To  
ZENIA BANERJEE  
503/1 JOY KRISHNA STREET  
UTTARPARA  
HOOGHLY  
WEST BENGAL  
712258  
PH. NO :8777012598



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ZENIA BANERJEE**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **75** %

Online Assignments	16.67/25	Proctored Exam	58.13/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380031

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS31511380033

To  
SHRAYOSEE ROY  
B/1/11, A MAKRESHWAR GHAT ROAD  
RAHUKI  
NORTH 24 PARGANAS  
WEST BENGAL  
743165  
PH. NO :9122715458



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHRAYOSEE ROY**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **58** %

Online Assignments	13.33/25	Proctored Exam	44.63/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380033

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380035

To  
INDRASISH DAS  
73/1/A RAMKRISHNA ROAD  
SERAMPORS  
HOOGHLY  
WEST BENGAL  
712294  
PH. NO :7687944184

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**INDRASISH DAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	17.92/25	Proctored Exam	47.63/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380035

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380037

To  
SUBHANKAR GHOSH  
S/A G.T.ROAD SERAMPORE, HOOGHLY,  
HOWGA MORE  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712203  
PH. NO -848039412

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHANKAR GHOSH**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

Online Assignments	22.08/25	Proctored Exam	42.38/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Distance Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380037

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380039

To  
BIKRAMJIT BHATTACHARYA  
51/8/1 BANABAGAN LANE  
SERAMPOR  
HOOGHLY  
WEST BENGAL  
712283  
PH. NO :7053551446



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIKRAMJIT BHATTACHARYA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	22.08/25	Proctored Exam	47.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380039

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380043

To  
SANUJA CHAKRABORTY  
D-1/1 SATYAJIT BBI SARANI  
NABAGRAM HOOGHLY  
KOLKATA  
HOWRAH  
WEST BENGAL  
712246  
PH. NO -9810085358



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SANUJA CHAKRABORTY**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **73** %

Online Assignments	21.25/25	Proctored Exam	51.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380043

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380045

To  
SANI DAS  
VILL+PO-DWARBASINI  
PS-PANDUA  
DWARBASINI  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO -8838054833

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANI DAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	21.25/25	Proctored Exam	50.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380045

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380047

To  
SOUMITA MUKHERJEE  
19-A/1 BARABAGAN LANE  
SERAMPOR  
HOOGHLY  
WEST BENGAL  
712281  
PH. NO :7605882529



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMITA MUKHERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	19.58/25	Proctored Exam	49.13/75
--------------------	----------	----------------	----------

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380047

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380049

To  
SHREYA ROY  
VILL:DERIAPUR POST:NABASON  
DERIAPUR  
BANKURA  
WEST BENGAL  
722297  
PH. NO :7676417938



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA ROY**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **56** %

Online Assignments	18.75/25	Proctored Exam	37.13/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380051

To  
DHRITI MOHAN MALLICK  
23/97 DEY BIKRA TULSHI BAGAN  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO :983200413



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DHRITI MOHAN MALLICK**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	20.00/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380051

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380055

To  
SK ESHAUDDIN  
12 NUMBER ROAD  
RAMOHARPUR  
HOOGHLY  
WEST BENGAL  
712410  
PH. NO :8768500964



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SK ESHAUDDIN**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	22.50/25	Proctored Exam	37.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380055

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380057

To  
BRISTI SEN  
LISHA KUTIR, NAMPARA  
BANDEL  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO :9874288112



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BRISTI SEN**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **55** %

Online Assignments	19.58/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380057

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380059

To  
SUBHAMAYA SEN  
54/2/A KAILASH BOSE 3RD BYE LANE  
HOWRAH  
WEST BENGAL  
711101  
PH. NO :0901512224



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHAMAYA SEN**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	19.58/25	Proctored Exam	49.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jajhail  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380059

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380061

To  
AHANA PAUL  
31, ARABINDA ROAD  
RAJHATI  
NORTH 24 PARGANAS  
WEST BENGAL  
743165  
PH. NO :9876488516



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AHANA PAUL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

Online Assignments	20.42/25	Proctored Exam	43.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380061

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380063

To  
SOUMYADIP BANERJEE  
101/F LBS ROAD KONNAGAR HOOGHLY, JUTHIKA  
FLAZA  
KONNAGAR  
HOOGHLY  
WEST BENGAL  
712235  
PH. NO -8340128826

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMYADIP BANERJEE**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	14.17/25	Proctored Exam	54.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380063

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380065

To  
SUBHADEEP CHANAK  
SABRANGNI  
AKHANGRA  
BANGURA  
WEST BENGAL  
722149  
PH. NO :7929727219



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHADEEP CHANAK**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	18.75/25	Proctored Exam	40.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380065

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380067

To  
TUHIN SUR  
64 NO STREET  
AKRA  
HOOGHLY  
WEST BENGAL  
712149  
PH. NO :8927976151



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TUHIN SUR**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **50** %

Online Assignments	17.92/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380067

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380069

To  
SUBHANKAR PAL  
G. 1, ROAD  
BASANTABAGAN  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO :5748509112

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHANKAR PAL**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **68** %

Online Assignments	19.58/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380069

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380071

To  
RAJ KUMAR SINGH  
8 RAMKRISHNA ROAD RISHRA HOOGHLY  
RISHRA  
HOOGHLY  
WEST BENGAL  
712248  
PH. NO :847898388



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RAJ KUMAR SINGH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	22.08/25	Proctored Exam	43.88/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380071

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380073

To  
SRAYA DEBNATH  
252, BANDEL  
OLACHANDITOLA RD-DIST HOOGHLY,  
BANDEL  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO -9831857371

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SRAYA DEBNATH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **63** %

Online Assignments	18.75/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380073

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380075

To  
JAGRITI NANDI  
LAHABAGAN, TOLAFATAK, P.O. CHINSURAH,  
DIST: HOOGHLY  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO - 833088383

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAGRITI NANDI**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **70** %

Online Assignments	20.42/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380075

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380077

To  
PRATANU KOLEY  
VILL:KHAMARGACHI,PO:KHAMARGACHI,P.S:BALASARH,PN  
:-712515,NEAR B.I.D COLLEGE  
KHAMARGACHI  
HOOGHLY  
WEST BENGAL  
712515  
PH. NO -8417754114

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRATANU KOLEY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	19.58/25	Proctored Exam	41.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Distance Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380077

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380079

To  
AVI SHEE  
154,22 NO ROAD  
DUMD  
BARDHAMAN  
WEST BENGAL  
712482  
PH. NO :7699046735



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AVI SHEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **71** %

Online Assignments	20.42/25	Proctored Exam	50.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380079

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380081

To  
SOUKIK GHOSH  
25  
RAJHERGRAM  
BARDHAMAN  
WEST BENGAL  
713128  
PH. NO :941211846



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUKIK GHOSH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **51** %

Online Assignments	20.00/25	Proctored Exam	31.13/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380083

To  
SUDIPTA DWARI  
VILL-BARNENDANPUR ,DIST-HOOGHLY  
PO-NANDANPUR  
BARNANDANPUR  
HOOGHLY  
WEST BENGAL  
712416  
PH. NO :3364994711

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUDIPTA DWARI**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **57** %

Online Assignments	20.00/25	Proctored Exam	37.13/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380083

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380085

To  
SUBHODEEP DAS  
1386, PADMAPUKUR MAIN ROAD, CHARRABORTY  
BAGAN  
CHANDANNAGORE  
HOOGHLY  
WEST BENGAL  
712126  
PH. NO -9804715963

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHODEEP DAS**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **65** %

Online Assignments	18.33/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380085

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380087

To  
ARGHYA MALLICK  
PURBA KHANPUR BARAMUNIPARA  
FK BARAMUNIPARA  
BARDHAMAN  
WEST BENGAL  
713145  
PH. NO :7318996474



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARGHYA MALLICK**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **70** %

Online Assignments	20.83/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380087

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380089

To  
SUJIT KUMAR SHAW  
AKRA BHANGI PARA HEM CHANDR OUITTA ROAD  
MAHESHTALLA  
KOLKATA  
SOUTH 24 PARAGANAS  
WEST BENGAL  
700140  
PH. NO - 9204717888

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUJIT KUMAR SHAW**  
for successfully completing the course

### Technical English for Engineers

with a consolidated score of **50** %

Online Assignments	17.50/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380091

To  
ANKAN CHATTOPADHYAY  
BAMNATHPUR  
SUDARSON  
HOOGHLY  
WEST BENGAL  
712148  
PH. NO :9833594888



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ANKAN CHATTOPADHYAY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	19.17/25	Proctored Exam	46.88/75
--------------------	----------	----------------	----------



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380095

To  
MOULI GHOSH  
BIJARA BAGHNAPARA KALNA PURBA BARDHAMAN  
BIZARA  
BARDHAMAN  
WEST BENGAL  
713501  
PH. NO :5222915152

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOULI GHOSH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **55** %

Online Assignments	17.92/25	Proctored Exam	37.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380097

To  
SAPTARSHI BHOWMICK  
VILL - TAGRA, P.O. - RAMNAGAR, P.S. -  
TARAKESWAR, DIST. - HOOGHLY  
TAGRA  
HOOGHLY  
WEST BENGAL  
712411  
PH. NO. - 9874008961



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAPTARSHI BHOWMICK**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	18.75/25	Proctored Exam	46.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380097

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380099

To  
CHIRADEEP PAKIRA  
MANASATLA, KHALISANI, CHANDANNAGORE,  
CHANDANNAGORE  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO : 8657096228



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**CHIRADEEP PAKIRA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **73** %

Online Assignments	22.08/25	Proctored Exam	51.38/75
--------------------	----------	----------------	----------

Prof. Devendra Jathal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380099

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380101

To  
RUDRADEB CHATTERJEE  
712136,RASHIBHARI AVENUE,D.C. COMPLEX  
CHANDANAGAR  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO -983099882



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RUDRADEB CHATTERJEE**  
for successfully completing the course

### Technical English for Engineers

with a consolidated score of **45** %

Online Assignments	11.25/25	Proctored Exam	33.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380101

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380103

To  
RISHAV CHAKRABORTY  
BANMASJIDI PARA, KALNA ROAD,  
BARDHAMAN  
WEST BENGAL  
712101  
PH. NO. 7826695228



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RISHAV CHAKRABORTY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	19.58/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380103

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380105

To  
MD JAHED  
TRAFFIC GOLE BHOLE T/20 A-1 UNIT-4 NEAR  
DURGA MANDIR  
BILARAGPUR  
SIDHAPUR  
WEST BENGAL  
721305  
PH. NO :7908438324

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MD JAHED**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **51** %

Online Assignments	16.25/25	Proctored Exam	34.88/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380107

To  
SHEHA PODDER  
BUNARDINGI PANCHANANTALA RISHRA  
HOOGHLY,PO-MOREPUKUR  
BISHRA  
HOOGHLY  
WEST BENGAL  
712250  
PH. NO :3590973353

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHEHA PODDER**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **47** %

Online Assignments	16.67/25	Proctored Exam	30.38/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380113

To  
SUSMITA GHOSH  
TALBONA GHOSH PARA,  
TALBONA  
HOOGHLY  
WEST BENGAL  
712134  
PH. NO :8255351298



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUSMITA GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	21.25/25	Proctored Exam	46.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380113

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380115

To  
DWAIPAYAN BISWAS  
H.C.M 15/1338, PEYARABAGAN ROAD,  
GOLTULLI SILIGURI  
CHINDURAH  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO - 4286376344



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DWAIPAYAN BISWAS**  
for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	18.75/25	Proctored Exam	43.13/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380115

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380117

To  
SAUGATA SARKAR  
21/6 G ROAD BELGACHIA HOWRAH-711108  
HOWRAH  
WEST BENGAL  
711108  
PH. NO (877487473)



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAUGATA SARKAR**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	23.33/25	Proctored Exam	49.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380117

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380119

To  
SWASTIKROY  
DAKHINPARA MONDISHATALA, KISHRA HOOGHLY  
KISHRA  
HOOGHLY  
WEST BENGAL  
712230  
PH. NO :8290582157



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWASTIKROY**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **71** %

Online Assignments	23.33/25	Proctored Exam	47.25/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380119

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380121

To  
AYAN ACHARYYA  
36/5 G ROAD BELGACHIA HOWRAH 711106  
HOWRAH  
WEST BENGAL  
711108  
PH. NO. 9143884399



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AYAN ACHARYYA**

for successfully completing the course

## Technical English for Engineers



with a consolidated score of **82** %

Online Assignments	22.50/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380121

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380123

To  
AYAN MONDAL  
53/A, VIVEKANANDA ROAD  
KALIANBAS (E)  
NORTH 24 PARGANAS  
WEST BENGAL  
700122  
PH. NO :7044590529



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN MONDAL**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **54** %

Online Assignments	18.75/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380125

To  
SHITAL JAISWARA  
346/A,N,C KOLEY STREET  
KUNARPARA,ICHAPORE,P.O-NARBERGANJ,P.S-MOAFARA  
ICHAPORE  
NORTH 24 PARGANAS,  
WEST BENGAL  
743144  
PH. NO :7844037386

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHITAL JAISWARA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	19.58/25	Proctored Exam	49.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaiswal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380125

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380127

To  
TUSHAR ATHA  
BAKULINGRAM GANNIDA ROAD  
SAHAPUR  
BANGURA  
WEST BENGAL  
722144  
PH. NO. 8272869658



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TUSHAR ATHA**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **58** %

Online Assignments	20.00/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380135

To  
RAJARSHI BASU  
BHUDEB MUKHERJEE ROAD, BARABAZAR  
CHANDANAGAR  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO :8777012946



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAJARSHI BASU**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **71** %

Online Assignments	20.42/25	Proctored Exam	50.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jathal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380135

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380143

To  
ISHAN MONDAL  
109  
DWARIPARA  
HOOGHLY  
WEST BENGAL  
712501  
PH. NO : 8296027413



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ISHAN MONDAL**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **48** %

Online Assignments	13.75/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19HS31511380151

To  
ARNAB DEY  
11, RAMKRISHNA ROAD  
BAIDYAPUR  
BARDHAMAN  
WEST BENGAL  
713122  
PH. NO : 9296582543



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB DEY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	20.00/25	Proctored Exam	46.88/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380151

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380177

To  
GODHULI SARKAR  
3, DIGAMBER BISWAS ROAD, DHARAMPUR  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO : 8299927873



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**GODHULI SARKAR**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **80** %

Online Assignments	22.92/25	Proctored Exam	57.38/75
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Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2734

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380185

To  
SOMOSHREE DEY  
PATASGORA  
CHANDANMARRA  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO :9748490883

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOMOSHREE DEY**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **62** %

Online Assignments	22.92/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380185

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380187

To  
JAYANTA DEY  
CHHATNI  
CHHATNI  
BARDHAMAN  
WEST BENGAL  
713125  
PH. NO :7699944743



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAYANTA DEY**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **57** %

Online Assignments	20.42/25	Proctored Exam	36.75/75
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Total number of candidates certified in this course: 2734



Prof. Devendra Jajhal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380187

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19HS31511380189

To  
RITIK GHOSH  
MAHESHPUR TALTA BANDHROAD  
BALDA  
WEST BENGAL  
732101  
PH. NO :9430239121



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITIK GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **67** %

Online Assignments	20.42/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380191

To  
BISWAJIT KUNDU  
18/1 ASMANGA DEY STREET  
SANTIPUR  
NADIA  
WEST BENGAL  
741404  
PH. NO : 9206019075



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BISWAJIT KUNDU**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **69** %

Online Assignments	22.50/25	Proctored Exam	46.13/75
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Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380191

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380195

To  
BUDHADITYA MUKHERJEE  
17, RAJA RAMMOHAN ROY SARANI  
SERAMPORS  
HOWRAH  
WEST BENGAL  
712283  
PH. NO :9851784468



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BUDHADITYA MUKHERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	21.25/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380195

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380211

To  
SWARNA GHOSH  
15/1094 GITANJALI CHANGHATA  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO :987767264

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SWARNA GHOSH**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **60** %

Online Assignments	19.17/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380211

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380213

To  
DEBSHUBHRA MUKHERJEE  
VILLAGE NEW KAZIDANGA POST BANDEL PS  
CHINSURAH  
NEW KAZIDANGA  
HOOGHLY  
WEST BENGAL  
712123  
PH. NO -9880043826

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEBSHUBHRA MUKHERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	22.50/25	Proctored Exam	43.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734



Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380213

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380215

To  
SAMBIT SAHA  
3/28A,KEOTA TYRE BAGAN BAZAR,SANTIPURNA  
COLONY,  
CHINDURAH  
HOOGHLY  
WEST BENGAL  
712104  
PH. NO -6290357544

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMBIT SAHA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **70** %

Online Assignments	22.50/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380215

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511380247

To  
DEVIT CHATTERJEE  
71 BINDUBASINI ROAD  
BHATPARA  
NORTH 24 PARGANAS  
WEST BENGAL  
743123  
PH. NO : 8617399072



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEVIT CHATTERJEE**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **66** %

Online Assignments	22.08/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380247

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19HS31511380257

To  
KOUSHIK SANTRA  
KARICHA  
KARICHA  
HOOGHLY  
WEST BENGAL  
712409  
PH. NO -9851685396



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KOUSHIK SANTRA**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **61** %

Online Assignments	14.17/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2734

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511380257

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19HS31511560801

To  
AMAN KUMAR  
ASHA KUNJ, SHAHID ASHRAM ROAD,  
KRANISAD, DEOGHAR  
JHARKHAND  
814112  
PH. NO :8409415868



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

**Technical English for Engineers**



with a consolidated score of **77** %

Online Assignments	22.50/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2739

Prof. Devendra Jaitkal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31511560801

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

  
Roll No: NPTEL19EE65S21561434

To  
DEBOLINA PRADHAN  
172, JESSORE ROAD, MANISH APARTMENT,  
FLAT NO 18  
SHYAMNAGAR  
KOLKATA  
WEST BENGAL  
700055  
PH. NO :7407273554

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEBOLINA PRADHAN**  
for successfully completing the course



## Fundamentals of Electric Drives

with a consolidated score of **82** %

Online Assignments	23.75/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 303

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jul-Sep 2019  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE65S21561434

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19EE64521561499

To  
SANDIP DAS  
566/1, S. H. K. B. SARANI,  
(72/3, JAWPIR ROAD) DUM DUKI,  
PO- MOTIHEEL,  
KOLKATA - 74,  
NORTH 24 PARGANAS,  
WEST BENGAL,  
700074  
PH. NO.9836499078



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SANDIP DAS**

for successfully completing the course

## Introduction to Smart Grid



with a consolidated score of **75** %

Online Assignments	22.50/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1027

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Sep 2019  
(8 week course)

Prof. Indradeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE64521561499

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19EE61521561445

To  
CHANDAN JANA  
VINDHYACHAL ZONE, GODREJ PRAKRIYA,  
SODEPUR, PRANIGATI  
NORTH 24 PARGANAS,  
WEST BENGAL,  
700113  
PH. NO :9438122509



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**CHANDAN JANA**

for successfully completing the course

## Electrical Distribution System Analysis



with a consolidated score of **84** %

Online Assignments	24.71/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 136

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Sep 2019  
(8 week course)

Prof. Indradeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE61521561445

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

  
Roll No: NPTEL19EE45521380168

To  
SHILPI SAHA  
APNAJITA PLAZA, 3RD FLOOR F3, OPPOSITE OF  
FCI GODOWN, SUKANTANAGAR, CHINMURAH,  
CHINDURAH  
HOOGHLY  
WEST BENGAL  
712103  
PH. NO -9439064111

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHILPI SAHA**

for successfully completing the course



## Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink

with a consolidated score of **93** %

Online Assignments	22.92/25	Proctored Exam	70.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 205

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Sep 2019  
(8 week course)

Prof. Indradeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE45521380168

To validate and check scores: <http://nptel.ac.in/noc/>

2<sup>ND</sup> YEAR

LATERAL

ENTRY





Certificate no: UC-fb7abb7e-946f-4a77-a427-cb84bcde1dd5  
Certificate url: [ude.my/UC-fb7abb7e-946f-4a77-a427-cb84bcde1dd5](https://ude.my/UC-fb7abb7e-946f-4a77-a427-cb84bcde1dd5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Pavel Ghosh

Date **April 5, 2024**

Length **26 total hours**



Certificate no: UC-b9a2e865-16e2-4465-9bf1-7f02c9b89d34

Certificate url: [ude.my/UC-b9a2e865-16e2-4465-9bf1-7f02c9b89d34](https://ude.my/UC-b9a2e865-16e2-4465-9bf1-7f02c9b89d34)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on Training

Instructors **Easy learning**

## Pavel Ghosh

Date **April 4, 2024**

Length **10.5 total hours**



Certificate no: UC-3e0efca1-1e29-41c6-9aec-5986707813ba

Certificate url: [ude.my/UC-3e0efca1-1e29-41c6-9aec-5986707813ba](https://ude.my/UC-3e0efca1-1e29-41c6-9aec-5986707813ba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2024

Instructors **Hemanth kumar**

## **Pavel Ghosh**

Date **April 2, 2024**

Length **17 total hours**





Certificate no: UC-d3d59e7e-3a31-4e42-9e39-aef81e08f9fb

Certificate url: [ude.my/UC-d3d59e7e-3a31-4e42-9e39-aef81e08f9fb](https://ude.my/UC-d3d59e7e-3a31-4e42-9e39-aef81e08f9fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C to Learn Programming Technique : C to Master Skills

Instructors **Sandeep Thakur**

## **Pavel Ghosh**

Date **March 23, 2024**

Length **17 total hours**





Certificate No. UC-00000000-000-0000-0000-0000000000  
Certificate no. uc-00000000-000-0000-0000-0000000000  
Enrollment Number: 0000

CERTIFICATE OF COMPLETION

# Complete Google Classroom Course: Teaching Google Classroom

Instructors: TJ Walker, Jan Ekhteyari, Media Training Worldwide Digital

**Prabrajit Dey**

Date: March 25, 2023

Length: 7.5 total hours



Udemy is an Accredited Learning Provider by the Quality Standard  
Certificate in Learning Technology (QILT) and the Quality Standard  
for Learning Services (QSLS)

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructor: SAP Easy Learning For Beginners

**Prabrajit Dey**

Date: April 11, 2023

Length: 56.5 total hours



Certificate of Completion for the course  
Certificate of Completion for the course  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Sridhi Ranganathan, Saranya S

**Prabrajit Dey**

Date: April 11, 2023

Length: 22 total hours



Certificate no: UC-23456789-1011-1213141516  
Issued on: 2023-04-11 12:34:56 UTC  
Subject: Python

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: Horizan Tech

**Prabrajit Dey**

Date: April 11, 2023

Length: 9.5 total hours







# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Learn English with Adam**

08 hours 37 minutes - From 17/05/2024 to 17/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Excel basic to advanced by Trump Excel**

08 hours 13 minutes - From 17/05/2024 to 17/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Java for beginners by ProgrammingKnowledge**

08 hours 09 minutes - From 19/05/2024 to 19/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Android for beginners by The new boston**

08 hours 01 minutes - From 19/05/2024 to 19/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

# M UNIVERSITY OF MICHIGAN

Mar 15, 2023

PRANTO DUTTA

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/219K3PVAOLP>

Coursera has confirmed the identity of this individual and their participation in the course



THE UNIVERSITY  
of EDINBURGH

Apr 4, 2023

PRANTO DUTTA

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier, Prof. David Gauthier  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/EDMUGOYD5N12>

Coursera has verified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Mar 17, 2023

**PRANTO DUTTA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UMTCLGKXBYLR>

Coursera has confirmed the identity of this individual and their participation in the course.



# Yale

March 2023

**PRANTO DUTTA**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/EM83UG8AUQ33](https://coursera.org/verify/EM83UG8AUQ33)

Coursera has confirmed the identity of this individual and their affiliation in the course.

This participant has successfully completed the Science of Well-Being with honor, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



DARDEN SCHOOL  
of BUSINESS

April, 2023

**PRANTO DUTTA**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Course Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UMVHC6528P21G>

Coursera has confirmed the identity of this individual and their participation in the course.

May 16, 2023

Debjit Mitra

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Ladner, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Puzosnik, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neuroscience, and Biology

Verify at:  
<https://coursera.org/verify/C8UG2XVC2W21>  
Coursera has confirmed the identity of this individual and their  
participation in the course.



May 26, 2023

**Debjit Mitra**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

A horizontal line containing four distinct signatures in black ink, representing the course officials.

Devjit Mitra, MBA M Ed, Ph.D., Ana T. Bouda, Ed.D., Yoon Hwa, Ed.D.  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MER9T6CVGG6>

Coursera has confirmed the identity of this individual and their participation in the course.





May 26, 2023

**Debjit Mitra**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BCPG94YCM8AS>

Coursera has confirmed the identity of this individual and their participation in the course

# M UNIVERSITY OF MICHIGAN

May 4, 2023

ARGHAJIT BERA

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UJDUY5QM39A3>

Coursera has authorized the affixing of this individual's and their  
participation in the course

**Duke**  
UNIVERSITY

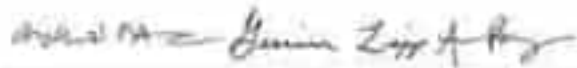
May 11, 2023

**ARGHAJIT BERA**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera.



Andrew D. Wilson | Deborah M. Lipp | Anne Sorey  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BERAJA19W712>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 13, 2023

**ARGHAJIT BERA**

has successfully completed

**Speak English Professionally: In Person, Online &  
On the Phone**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Amalia B. Stephens  
Lecturer  
OT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CTA88872M887>

Coursera has validated the identity of this individual and their  
participation in the course.





DARDEN SCHOOL  
of BUSINESS

May 13, 2013

**ARGHAJIT BERA**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/AMUC5AF26UFP>

Coursera has confirmed the identity of this individual and their participation in the course



**4TU** Centre for Ethics  
and Technology

May 4, 2023

**ARGHAJIT BERA**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/8H87825211444E>

Coursera has certified the identity of this individual and their  
participation in the course



**Stanford** ONLINE

Apr 7, 2023

**ARGHAJIT BERA**

has successfully completed

**Supervised Machine Learning: Regression and Classification**

an online non-credit course authorized by DeepLearning.AI and Stanford University and offered through Coursera

Andrew Ng, Instructor, DeepLearning.AI  
Eddy Shyu, Curriculum Architect, DeepLearning.AI  
Aarti Singh and Jeff Leung, Curriculum Engineers, DeepLearning.AI

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/HDMV97U837MV>

Coursera has certified the identity of this individual and their participation in the course



Certificate no: UC-e158be55-6145-43bd-8c07-06bc6ab33e69

Certificate url: [ude.my/UC-e158be55-6145-43bd-8c07-06bc6ab33e69](https://udemy.com/UC-e158be55-6145-43bd-8c07-06bc6ab33e69)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 C Programming Bootcamp - The Complete C Language Course

Instructors **Surendra Varma Pericherla**

## Arghajit Bera

Date **May 4, 2024**

Length **12 total hours**





Certificate no: UC-eb5640f3-9eb3-4a94-aa02-3530e09dc907

Certificate url: [ude.my/UC-eb5640f3-9eb3-4a94-aa02-3530e09dc907](https://ude.my/UC-eb5640f3-9eb3-4a94-aa02-3530e09dc907)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

## Arghajit Bera

Date **May 5, 2024**

Length **40 total hours**



Jun 21, 2021

**SINCHAN BASU**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajiv Raghuraman*

Rajiv Raghuraman, PhD  
Executive School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/RGSHJ84EPVQX](https://coursera.org/verify/RGSHJ84EPVQX)

Coursera has confirmed the identity of this individual and their  
completion of this course.

# Verified Certificate



Technische Universität München

This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning  
initiative of Technical University of Munich.



Dr. Heidi Klawing  
Head of English

TUM Language Center



Dr. Aparna Bhar  
Lecturer

TUM Language Center



Verified Certificate  
Issued January 12, 2021

Valid Certificate ID  
[f5a2e679fc394e639639d5e269777b4b](https://courses.edx.org/certificates/f5a2e679fc394e639639d5e269777b4b)

# Verified Certificate



This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Handwritten signature of Jerry Cooperstein in black ink.

Jerry Cooperstein, Ph. D.  
Training Program Director  
The Linux Foundation

Handwritten signature of Clyde Seepersad in black ink.

Clyde Seepersad  
General Manager, Training  
The Linux Foundation



Verified Certificate  
Issued March 22, 2021

Valid Certificate ID  
[3b0f5a0667ca414d8ed4ee3c3e27a01ac](https://courses.edx.org/certificates/3b0f5a0667ca414d8ed4ee3c3e27a01ac)



# Verified Certificate



This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.

Rav Anuj  
AI and Data Science Program Director



Upkar Ladda  
Senior Developer Advocate



Verified Certificate  
Issued February 13, 2021

Valid Certificate ID  
[6a661d0a10864eb19125ea3025cb2f50](https://courses.edx.org/certificates/6a661d0a10864eb19125ea3025cb2f50)



THE UNIVERSITY  
*of* EDINBURGH

Jun 19, 2021

**SINCHAN BASU**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

David Gordon, Thomas Fyfehead, Philip Lewis, Matthew O'Rourke, Allan Roberts, Nicholas Martin, Alexander Robinson  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**

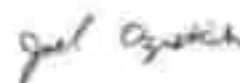


Verify at [coursera.org/verify/NDSFDM2U6PZX](https://coursera.org/verify/NDSFDM2U6PZX)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Garlich

Lecturer, International & English Language Programs

University of Washington

This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtoX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 5, 2021

Valid Certificate ID  
[ae090e7cd325412889a833aa4752f566a](https://courses.edx.org/certificates/ae090e7cd325412889a833aa4752f566a)

# Verified Certificate



This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Satharavangala  
Data Scientist

IBM



Verified Certificate  
Issued February 6, 2021

Valid Certificate ID  
[06eb6557c6494836a3cb9cd5421e0481](https://courses.edx.org/certificates/06eb6557c6494836a3cb9cd5421e0481)





# Georgia Institute of Technology

Dec 8, 2020

**SINCHAN BASU**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Perry Jordan  
Instructor  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SR6TA3U27RMW](https://coursera.org/verify/SR6TA3U27RMW)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

Clyde Despresant  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued March 6, 2022

Valid Certificate ID  
[fc6a3a253a4c4e88af69ca7717fe7c64](#)



Mar 5, 2022

**SINCHAN BASU**

has successfully completed

**C++ Basics: Selection and Iteration**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:  
[coursera.org/verify/DP76IAZ3XWUC](https://coursera.org/verify/DP76IAZ3XWUC)

Coursera has confirmed the identity of the individual and their participation in the course

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Maureen Lomenget".

**Maureen Lomenget**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued January 15, 2023

**Valid Certificate ID**  
[1e686c7e90f4506b625a5f51a544ee8](https://courses.edx.org/certificates/1e686c7e90f4506b625a5f51a544ee8)



**Verified  
Certificate**



Clyde Soperasat  
General Manager, Training & Certification  
The Linux Foundation

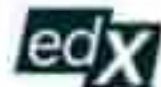
This is to certify that

**SINCHAN BASU**

successfully completed and received a passing grade in

**LFS151.x: Introduction to Cloud Infrastructure  
Technologies**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued February 20, 2023

Valid Certificate ID  
[15118dceaaa0407e84b5948503a09145](#)



Certificate no: UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c

Certificate url: [ude.my/UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c](https://www.udemy.com/certificate/UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Sagnic Bhattacharyya

Date **March 7, 2024**

Length **77 total hours**



Certificate no: UC-af0cd537-9f84-4a33-8fd7-c521734cf55e

Certificate url: [ude.my/UC-af0cd537-9f84-4a33-8fd7-c521734cf55e](https://ude.my/UC-af0cd537-9f84-4a33-8fd7-c521734cf55e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Sagnic Bhattacharyya

Date **May 7, 2024**

Length **8 total hours**



Certificate no: UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7

Certificate url: [ude.my/UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7](https://ude.my/UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Development: Building Interactive Websites

Instructors **Metla Sudha Sekhar**

## **Sagnic Bhattacharyya**

Date **May 8, 2024**

Length **19.5 total hours**



# UCI University of California, Irvine

Feb 9, 2023

## SK MOFIZ HOSSAIN

has successfully completed

### Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera



SK MOFIZ  
Professor  
Department of Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DWAY51EG476R>

Coursera has verified the identity of this individual and their participation in the course



3 Courses

Understanding and  
Visualizing Data with Python

Inferential Statistical  
Analysis with Python

Fitting Statistical Models to  
Data with Python



Mar 1, 2025

**SK MOFIZ HOSSAIN**

has successfully completed the online, non-credit Specialization

## Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

Brenda Gunderson,  
Ph.D., Lecturer IV

Kerby Shedden, Ph.D.,  
Professor

Brady T. West, Ph.D.,  
Research Associate  
Professor

The online specialization noted in this certificate may differ in material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/8VC42686CP1Z>



Mar 19, 2023

**SK MOFIZ HOSSAIN**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Sanjiv Arora  
Global Program Director  
Skills Network

Hima  
IBM

Verify at:  
<https://coursera.org/verify/AVNE25K6DX4U>

Coursera has validated the identity of this individual and their participation in the course.

# Palo Alto Networks Assessment-Based Certificate

THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

**Monami Sarkar**

has successfully demonstrated the knowledge to complete the  
Assessment-Based Certificate in

**Introduction to Cybersecurity**

*Prameet Chhabra*

Prameet Chhabra  
Head of Global Enablement

Date of Issue  
05/20/2023





# Palo Alto Networks Assessment-Based Certificate

THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

**Monami Sarkar**

has successfully demonstrated the knowledge to complete the  
Assessment-Based Certificate in

**Fundamentals of Cloud Security**

*Pramet Chhabra*

Pramet Chhabra  
Head of Global Enablement

Date of Issue  
05/20/2023





Certificate no: UC-0bad3643-fad1-4689-9ac1-8e4bb501eda5

Certificate url: [ude.my/UC-0bad3643-fad1-4689-9ac1-8e4bb501eda5](https://ude.my/UC-0bad3643-fad1-4689-9ac1-8e4bb501eda5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Creative Cloud | Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Sayan Bhowal

Date **March 6, 2023**

Length **33.5 total hours**



Certificate no: UC-45e33a2b-155a-48cf-a4bc-8153d2ac571a

Certificate url: [ude.my/UC-45e33a2b-155a-48cf-a4bc-8153d2ac571a](https://ude.my/UC-45e33a2b-155a-48cf-a4bc-8153d2ac571a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Sayan Bhowal

Date **March 3, 2023**

Length **38.5 total hours**



THE UNIVERSITY  
of EDINBURGH

May 16, 2024

**Gungun Mishra**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. John Lavelle, Prof. Andrew Crane, Prof. Allan Wai Chee So, Prof. Michael Strevens, Prof. Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EDU/AN/OXM/19/C>

Coursera has validated the identity of this individual and their participation in the course.





Certificate no: UC-02a898f3-676c-4804-9232-b72f7c0ccb88

Certificate url: [ude.my/UC-02a898f3-676c-4804-9232-b72f7c0ccb88](https://ude.my/UC-02a898f3-676c-4804-9232-b72f7c0ccb88)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

**Gungun Mishra**

Date **May 15, 2024**

Length **16 total hours**



Certificate no: UC-5df882e6-a379-41fd-add0-2715bc21d9ed

Certificate url: [ude.my/UC-5df882e6-a379-41fd-add0-2715bc21d9ed](https://ude.my/UC-5df882e6-a379-41fd-add0-2715bc21d9ed)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Gungun Mishra

Date **May 14, 2024**

Length **77 total hours**



# Georgia Institute of Technology

Mar 23, 2023

**Arnab Paul**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/FFs2sTC178s>

Coursera has validated the identity of 194 individuals and their participation in the course.

# M UNIVERSITY OF MICHIGAN

Mar 27, 2023

**Arnab Paul**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UY537vGv20N8R>

Coursera has verified the identity of this individual and their participation in the course.





April 27, 2023

**Arnab Paul**

has successfully completed with honors

**Java Programming: Solving Problems with Software**

an online non-credit course authorized by Duke University and offered through Coursera

Susan R. Subym, Devin J. Strachan, Andrew D. Wilson, Robert Davall

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/UBD902a5CkuW2>

Coursera has authorized the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

Mar 24, 2023

**Arnab Paul**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Acting Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/YS7D4B37987G>

Coursera has validated the identity of this individual and their participation in the course

# Yale

Mar 22, 2023

**Arnab Paul**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/2XVDJHPU6M9E](https://coursera.org/verify/2XVDJHPU6M9E)

Coursera has verified the identity of this individual and their  
attestation in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please consider your  
exciting help to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



# Georgia Institute of Technology

Dec 12, 2020

**DEBADITYA SARKAR**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/88Q92Z37DX8D](https://coursera.org/verify/88Q92Z37DX8D)

Coursera has confirmed the identity of this individual and their participation in the course.





ISB-2019-0002

**DEBADITYA SARKAR**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshi*

Rajivpal Rajhanshi, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/760RWJ1RU292](https://coursera.org/verify/760RWJ1RU292)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

Jan 19, 2021

DEBADITYA SARKAR

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacLennan, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Watson, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/657852USNRW5](https://coursera.org/verify/657852USNRW5)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Debaditya Sarkar**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

---

A handwritten signature in black ink, appearing to read "Clyde Seepersad".

**Clyde Seepersad**

General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued January 22, 2021

Valid Certificate ID  
30e45b32d61244f5bdcdadd6fdad3f7b

# Verified Certificate



This is to certify that

## Debaditya Sarkar

successfully completed and received a passing grade in

### PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.

---

**Joseph Santarcangelo**

Data Scientist

IBM



Verified Certificate  
Issued May 30, 2021

Valid Certificate ID  
3c89b843baf04ff9bfd250a23849ba4d



# Verified Certificate



This is to certify that

## Debaditya Sarkar

successfully completed and received a passing grade in

### OTP-AWSD7: AWS: Getting Started with Cloud Security

a course of study offered by AWS, an online learning initiative of  
AWS.

---

A handwritten signature in black ink, appearing to read "Maureen Lonergan".

**Maureen Lonergan**

Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued May 29, 2021

Valid Certificate ID  
7c349206d47f4a79a01877893818f079

# Verified Certificate

HarvardX

This is to certify that

**Debaditya Sarkar**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.

---



**Richard Elmore**

Gregory B. Arig Research Professor of Educational  
Leadership

Harvard University

---



Verified Certificate  
Issued January 17, 2021

Valid Certificate ID  
1febfc844591452295e3b04fc415c637

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

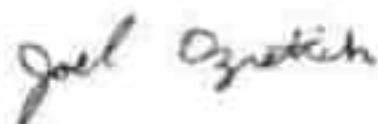
## Debaditya Sarkar

successfully completed and received a passing grade in

### **BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.

---



**Joel Ozretich**

Lecturer, International & English Language Programs  
University of Washington

---



Verified Certificate  
Issued January 11, 2021

Valid Certificate ID:  
aeb062e7e93740b6960825bb4ce4be63

# Verified Certificate



This is to certify that

## Debaditya Sarkar

successfully completed and received a passing grade in

### OTP-AWSD8: Building Containerized Applications on AWS

a course of study offered by AWS, an online learning initiative of  
AWS.

---

A handwritten signature in black ink, appearing to read "Maureen Lonergan".

**Maureen Lonergan**

Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 28, 2022

Valid Certificate ID  
27bf787c-4e8a-418383192cfff42a41516



# Verified Certificate



This is to certify that

**Debaditya Sarkar**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning initiative of  
AWS.

---

**Maureen Lonergan**

Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 29, 2022

Valid Certificate ID  
5a64dea3b2d54c01a9eb677cf86de14d

# Verified Certificate



This is to certify that

**Debaditya Sarkar**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD14: Introduction to  
Designing Data Lakes on AWS**

a course of study offered by AWS, an online learning initiative of  
AWS.

---

**Maureen Lonergan**

Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 30, 2022

Valid Certificate ID  
cbac6172c8334938a0e12d04e1d348fa

# Verified Certificate



This is to certify that

**Debaditya Sarkar**

successfully completed and received a passing grade in

**OTP-AWSD9: Migrating to the AWS Cloud**

a course of study offered by AWS, an online learning initiative of AWS.

---

A handwritten signature in black ink that reads "Maureen Loneragan".

**Maureen Loneragan**

Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 28, 2022

Valid Certificate ID  
d06a10f9ad4e48d7bf1d8809e0f4c2746



Certificate URL: <https://www.udemy.com/certificate/UC-7805b2cc-7b78-40c2-96b6-cd34ef648216>  
Reference Number: 0204

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2022

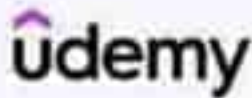
Instructors: **Hemanth kumar**

## Debaditya Sarkar

Date **July 18, 2022**

Length **45.5 total hours**





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Certificate ID: 10116-CC-10-0023-1000-151-010-1000000000  
Release Name: 0104

CERTIFICATE OF COMPLETION

# Master Construction & Structural Drawing Like Expert - Etabs

Instructor: Akshay Kamath

**Debaditya Sarkar**

Date: Oct. 13, 2023

Length: 36 total hours



Certificate no: UC-f2e70c85-1ccc-47bb-aebd-e52d8db2eaba

Certificate url: [ude.my/UC-f2e70c85-1ccc-47bb-aebd-e52d8db2eaba](https://ude.my/UC-f2e70c85-1ccc-47bb-aebd-e52d8db2eaba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance #1 Introduction & Financial Statements

Instructors **Robert (Bob) Steele**

**Souren Khan**

Date **May 21, 2022**

Length **15 total hours**



Certificate no: UC-e5814ba1-89e6-4f7f-b7be-7b2e3b8f73a3  
Certificate url: [ude.my/UC-e5814ba1-89e6-4f7f-b7be-7b2e3b8f73a3](https://ude.my/UC-e5814ba1-89e6-4f7f-b7be-7b2e3b8f73a3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance #2 Financial Ratios

Instructors **Robert (Bob) Steele**

**Souren Khan**

Date **May 21, 2022**

Length **13.5 total hours**



Certificate no: UC-e4070ae1-65ec-4b5d-bedf-e34fc284d7ce

Certificate url: [ude.my/UC-e4070ae1-65ec-4b5d-bedf-e34fc284d7ce](https://udemy.com/certificate/UC-e4070ae1-65ec-4b5d-bedf-e34fc284d7ce)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance #3 Forecasting & Budgeting

Instructors **Robert (Bob) Steele**

**Souren Khan**

Date **May 21, 2022**

Length **8.5 total hours**





Certificate no: UC-99988b67-3fd3-4d93-b1d4-921b130982e1

Certificate url: [ude.my/UC-99988b67-3fd3-4d93-b1d4-921b130982e1](https://ude.my/UC-99988b67-3fd3-4d93-b1d4-921b130982e1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance #4 Leverage & Break-Even Analysis

Instructors **Robert (Bob) Steele**

**Souren Khan**

Date **May 21, 2022**

Length **12 total hours**



Certificate no: UC-bca5f11c-ed8a-4228-87b8-aa1f94389514

Certificate url: [ude.my/UC-bca5f11c-ed8a-4228-87b8-aa1f94389514](https://www.udemy.com/certificate/UC-bca5f11c-ed8a-4228-87b8-aa1f94389514/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

**Souren khan**

Date **May 12, 2023**

Length **71.5 total hours**



Certificate no: UC-49a31acc-b8f5-4c33-a7cf-b7c9243a94ca  
Certificate url: [ude.my/UC-49a31acc-b8f5-4c33-a7cf-b7c9243a94ca](https://ude.my/UC-49a31acc-b8f5-4c33-a7cf-b7c9243a94ca)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Azure DevOps CI/CD pipelines

Instructors **Housseem Dellai**

## Souren khan

Date **May 12, 2023**

Length **13 total hours**





Certificate no: UC-6d6fe052-44f6-4bf0-aef3-b5ede815c27a

Certificate url: [ude.my/UC-6d6fe052-44f6-4bf0-aef3-b5ede815c27a](https://ude.my/UC-6d6fe052-44f6-4bf0-aef3-b5ede815c27a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours

Instructors **Passive Income Gen Z**

## Souren khan

Date **May 12, 2023**

Length **23 total hours**





Certificate no: UC-96092f69-f4fb-4f77-a182-44faaaa58e3d

Certificate url: [ude.my/UC-96092f69-f4fb-4f77-a182-44faaaa58e3d](https://udemy.com/certificate/UC-96092f69-f4fb-4f77-a182-44faaaa58e3d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha, Doron Williams**

## Souren khan

Date **May 8, 2023**

Length **12.5 total hours**





DARBY SCHOOL  
OF BUSINESS

May 3, 2022

**Rupkatha Roy**

Accountability completed

**Ethical Leadership Through Giving Voice to Values**

your participation is recorded in the Learning Record and shared through  
Canvas

Amy A. Griffin  
Professor  
Darby School of Business  
University of Virginia  
Charlottesville, VA

COURSE  
CERTIFICATE



With a  
<https://coursera.org/learn/ethics2022>  
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May 14, 2022

**Rupkatha Roy**

Accountability completed

**A Life of Happiness and Fulfillment**

your participation is recorded in the Learning Record and shared through  
Canvas

Rajiv R. Kishore  
Professor  
ISB  
Gurgaon, India

COURSE  
CERTIFICATE



With a  
<https://coursera.org/learn/a-life-of-happiness-and-fulfillment>  
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Nov 4, 2014

**Rupkatha Roy**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

on Coursera (2014) from the University of Michigan (2014) through Coursera

A handwritten signature in black ink, appearing to read 'Chell', with a horizontal line underneath.

Chell  
Instructor  
University of Michigan

COURSE  
CERTIFICATE



UNIVERSITY OF MICHIGAN  
COURSERA





THE UNIVERSITY  
of EDINBURGH

May 18, 2022

**ANUBHAB PALIT**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. Robert C. Marsh, Prof. Michael J. Zimmerman, Prof. Robert C. Marsh, Prof. Robert C. Marsh  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/97XBU192MFD3>

Coursera has verified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Nov 23, 2021

**ANUBHAB PALIT**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/5BEO7r566WVD>

Coursera has validated the identity of this individual and their participation in the course.

May 25, 2021

**ANUBHAB PALIT**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Laddenti, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Puzosinski, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Industry

Verify at:  
<https://coursera.org/verify/ED8EG3059E>

Coursera has confirmed the identity of this individual and their participation in the course.



May 17, 2023

**ANUBHAB PALIT**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BCxC68E2F3EP>

Coursera has confirmed the identity of this individual and their participation in the course





Certificate no: UC-b5e6a980-9e9a-4f19-a875-39b9cd93a7af

Certificate url: [ude.my/UC-b5e6a980-9e9a-4f19-a875-39b9cd93a7af](https://ude.my/UC-b5e6a980-9e9a-4f19-a875-39b9cd93a7af)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Complete Course 2022

Instructors **Horizon Tech**

## **Anubhab Palit**

Date **March 8, 2023**

Length **11.5 total hours**



Certificate no: UC-fc79d132-8e16-4c14-94e6-61b02901fe71  
Certificate url: [ude.my/UC-fc79d132-8e16-4c14-94e6-61b02901fe71](https://ude.my/UC-fc79d132-8e16-4c14-94e6-61b02901fe71)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## **Anubhab Palit**

Date **March 21, 2023**

Length **12 total hours**



Certificate no: UC-1dff6883-4821-4b91-a10c-d67acec2a99a

Certificate url: [ude.my/UC-1dff6883-4821-4b91-a10c-d67acec2a99a](https://www.udemy.com/certificate/UC-1dff6883-4821-4b91-a10c-d67acec2a99a/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors **SAP Easy Learning For Beginners**

## Anubhab Palit

Date **March 31, 2023**

Length **56.5 total hours**





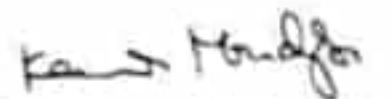
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ANUBHAB PALIT** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay





## Certificate of Achievement

# Abhirup Dam

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/portfolio/learning/certificate-of-achievement](https://futurelearn.com/portfolio/learning/certificate-of-achievement)

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

## Abhirup Dam

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

99%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# Abhirup Dam

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Masoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## Abhirup Dam

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

---

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks





Certificate no: UC-c56110ef-7d7e-4ed6-94b3-071a761b56cc

Certificate url: [ude.my/UC-c56110ef-7d7e-4ed6-94b3-071a761b56cc](https://ude.my/UC-c56110ef-7d7e-4ed6-94b3-071a761b56cc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Abhirup Dam

Date **June 6, 2022**

Length **36 total hours**



Certificate no: UC-923237e1-0900-4a88-9857-94c7ec500df4  
Certificate url: [ude.my/UC-923237e1-0900-4a88-9857-94c7ec500df4](https://ude.my/UC-923237e1-0900-4a88-9857-94c7ec500df4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Abhirup Dam

Date **Feb. 7, 2023**

Length **33 total hours**



Certificate no: UC-8557a4ef-942c-4e19-afc0-86f407bda610

Certificate url: [ude.my/UC-8557a4ef-942c-4e19-afc0-86f407bda610](https://ude.my/UC-8557a4ef-942c-4e19-afc0-86f407bda610)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Coding Interview :Data structures + Algorithms

Instructors **Jackson Kailath**

## Abhirup Dam

Date **Feb. 7, 2023**

Length **39 total hours**



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Udemy Inc. 2019.

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructor: Youkcal Training

**Sagar karmakar**

Date: May 19, 2023

Length: 8 total hours





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CERTIFICATE OF COMPLETION

# The Complete Public Speaking Course: Become a Great Speaker

Instructor: TJ Walker, Media Training Worldwide Digital

**Sagar karmakar**

Date: May 19, 2023

Length: 4.5 total hours



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAGAR KARMAKAR**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **52** %

Online Assignments	21.5/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **10672**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman

Centre for Research and Study Systems, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL230520533740124

To validate the certificate



No. of credits recommended: 3 or 4



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San Francisco, CA 94133-1000  
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CERTIFICATE OF COMPLETION

# 2024 Core JAVA Bootcamp from Zero to Hero

Instructors: Surendra Varma Pericherla

**Sagar karmakar**

Date: May 10, 2024

Length: 18.5 total hours



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Certificate of Completion  
Udemy.com

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructor: Vijay Kumar

**Sagar karmakar**

Date: May 10, 2024

Length: 9.5 total hours





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Denver, Colorado 80202, USA  
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CERTIFICATE OF COMPLETION

# Mastering Data Magic : Power BI + Tableau + SQL , Analytics

Instructor: ZK Tutorials

**Sagar karmakar**

Date: May 10, 2024

Length: 24 total hours



Certificate no: UC-e1b029aa-3776-4a4a-b497-32e3e52e528e  
Certificate url: [ude.my/UC-e1b029aa-3776-4a4a-b497-32e3e52e528e](https://ude.my/UC-e1b029aa-3776-4a4a-b497-32e3e52e528e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors **Robert (Bob) Steele**

## **Arnab Ghosh**

Date **March 13, 2023**

Length **44 total hours**



Certificate no: UC-a2b5c949-69f1-4742-a742-575d4b8e5513

Certificate url: [ude.my/UC-a2b5c949-69f1-4742-a742-575d4b8e5513](https://ude.my/UC-a2b5c949-69f1-4742-a742-575d4b8e5513)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Personal Finance

Instructors **Robert (Bob) Steele**

## Arnab Ghosh

Date **March 13, 2023**

Length **155.5 total hours**



Certificate no: UC-5002058d-ccfd-449d-803d-9b4e42c6bca6  
Certificate url: [ude.my/UC-5002058d-ccfd-449d-803d-9b4e42c6bca6](https://ude.my/UC-5002058d-ccfd-449d-803d-9b4e42c6bca6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Grand Java 17 course : become a Java professional in 60 days

Instructors **Suvarna Sachin Barsode**

## Arnab Ghosh

Date **March 1, 2024**

Length **95 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOHAM KUNDU**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	20.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTELZ3MG415E3870041

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOHAM KUNDU**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **55** %

Online Assignments	24.91/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543870125

To validate the certificate



No. of credits recommended: 3 or 4





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2200010000-400-400-4000  
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CERTIFICATE OF COMPLETION

# The Complete Talking Head Video Production Masterclass

Instructors: TJ Walker, Media Training Worldwide Digital

**Krishanu Ghosh**

Date: Feb. 3, 2023

Length: 17.5 total hours







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CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructor: **Yusef Khat**

**Soumili Ghosh**

Date: **May 16, 2023**

Length: **24 total hours**



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Denver, CO 80202 USA  
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CERTIFICATE OF COMPLETION

# Linux Fundamentals for IT Professionals using Ubuntu 20x

Instructors: Durga Viswanatha Raju Gadiraju, Azaan Marthens

**Soumili Ghosh**

Date: May 13, 2022

Length: 22 total hours



Udemy Inc. 2200 Market Street, Suite 1000, San Francisco, CA 94102  
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Issued on May 9, 2023

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors: Hemant Kumar

**Soumili Ghosh**

Date: May 9, 2023

Length: 11 total hours





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CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructor: QDS Academy

**Soumili Ghosh**

Date: May 16, 2023

Length: 21.5 total hours

# **I** ILLINOIS

May 4, 2024

Shreya Chatterjee

has successfully completed

Introduction to Sustainability

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



Dr. Jonathan Tisdale  
Associate Professor  
Research Associate Professor  
School of Earth, Society and Environment  
University of Illinois

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/IBAVU298568>

Coursera has validated the identity of this individual and their  
participation in the course



**MACQUARIE**  
University  
SYDNEY · AUSTRALIA

May 3, 2024

**Shreya Chatterjee**

has successfully completed

**Data Visualization in Excel**

an online non-credit course authorized by Macquarie University and offered through  
Coursera

Wiley Hill  
Acad. Consultant  
Macquarie Business School

Dr Prashant K. Karimath, DPhD  
Senior Lecturer - Statistics & Leadership  
Department of Actuarial Studies and Business Analytics,  
Macquarie Business School

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/60CT8d1167GG>

Coursera has validated the identity of this individual and their participation in the course.



May 3, 2024

**Shreya Chatterjee**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-Instructor, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CH3RVAN28UDE>

Coursera has verified the identity of this individual and their participation in the course





Certificate no: UC-156dbe85-003f-4592-9d1a-dc3e46c417d5

Certificate url: [ude.my/UC-156dbe85-003f-4592-9d1a-dc3e46c417d5](https://ude.my/UC-156dbe85-003f-4592-9d1a-dc3e46c417d5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

## Sayar Paul

Date **May 16, 2023**

Length **24 total hours**



Certificate no: UC-f820baea-1a0e-4059-8480-a1e138c0561e

Certificate url: [ude.my/UC-f820baea-1a0e-4059-8480-a1e138c0561e](https://udemy.com/certificate/UC-f820baea-1a0e-4059-8480-a1e138c0561e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors **YouAccel Training**

## Sayar Paul

Date **May 10, 2023**

Length **18 total hours**



Certificate no: UC-c2ce3a8b-5f82-49d5-ab15-6f3ba54bf431  
Certificate url: [ude.my/UC-c2ce3a8b-5f82-49d5-ab15-6f3ba54bf431](https://ude.my/UC-c2ce3a8b-5f82-49d5-ab15-6f3ba54bf431)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

**Sayar Paul**

Date **May 11, 2023**

Length **21.5 total hours**



Certificate no: UC-fe7e61d2-3360-482b-aa4f-25e528f53c4f

Certificate url: [ude.my/UC-fe7e61d2-3360-482b-aa4f-25e528f53c4f](https://ude.my/UC-fe7e61d2-3360-482b-aa4f-25e528f53c4f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Sayar Paul

Date **May 10, 2023**

Length **12 total hours**





Certificate no: UC-e73645da-b89a-4aba-a239-045d094db3f9

Certificate url: [ude.my/UC-e73645da-b89a-4aba-a239-045d094db3f9](https://udemy.com/UC-e73645da-b89a-4aba-a239-045d094db3f9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Soumya Modak

Date **Dec. 6, 2023**

Length **77 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOUMYA MODAK**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **73** %

Online Assignments	20.42/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG17S557300116

To verify the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOUMYA MODAK**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **80** %

Online Assignments	24.28/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S657300119

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUJAN KARMAKAR**

for successfully completing the course.

**Ethics in Engineering Practice**

with a consolidated score of **58** %

Online Assignments	19.17/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

(8 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG17S557300118

To verify the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUJAN KARMAKAR**  
for successfully completing the course.

**The Joy of Computing using Python**

with a consolidated score of **64** %

Online Assignments	20.88/25	Proctored Exam	43/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 12432

**Prof. Devendra Jalihal**  
Chairman,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

(12 week course)

**Prof. Andrew Thangara**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS575657300121

To verify the certificate



No. of credits recommended: 3 or 4































# Georgia Institute of Technology

Mar 23, 2023

**Arnab Paul**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/FFs2sTC178s>

Coursera has validated the identity of 194 individuals and their participation in the course.

# M UNIVERSITY OF MICHIGAN

Mar 27, 2023

**Arnab Paul**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UY537vGv2ON8R>

Coursera has verified the identity of this individual and their participation in the course.



April 27, 2023

**Arnab Paul**

has successfully completed with honors

**Java Programming: Solving Problems with Software**

an online non-credit course authorized by Duke University and offered through Coursera

Susan R. Subgen, Devin J. Srinivasan, Andrew D. Williams, Robert Davall

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/UBD902a5CkuW2>

Coursera has authorized the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

Mar 24, 2023

**Arnab Paul**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Acting Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/YS7D4B37987G>

Coursera has validated the identity of this individual and their  
participation in the course



# Yale

Mar 21, 2023

**Arnab Paul**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/2XVDJHPU6M9E](https://coursera.org/verify/2XVDJHPU6M9E)

Coursera has verified the identity of this individual and their  
attestation in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
sacredling help to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



THE UNIVERSITY  
of EDINBURGH

Apr 28, 2023

DEBJIT DEY

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. Robert M. C. White, Prof. Robert M. C. White, Prof. Robert M. C. White  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DM28E0ECWTC>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April 27, 2022

**DEBJIT DEY**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/1P58M98D9ADH>

Coursera has validated the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Mar 15, 2022

**DEBJIT DEY**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/88273v8tvf0>

Coursera has confirmed the identity of this individual and their participation in the course





UNIVERSITY  
OF LONDON

Feb 6, 2024

**Debjit Dey**

has successfully completed

**Machine Learning for All**

an online non-credit course authorized by University of London and offered through  
Coursera

Prof Marco Gillies  
Computing Department,  
Gower Street, University of London

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/1SMUEG2SA463>

Coursera has validated the identity of this individual and their participation in the course



Certificate no: UC-aa597b94-c05d-4d7b-8272-486eb2bdd74a  
Certificate url: [ude.my/UC-aa597b94-c05d-4d7b-8272-486eb2bdd74a](https://ude.my/UC-aa597b94-c05d-4d7b-8272-486eb2bdd74a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build A Search Engine With Python: Computer Science & Python

Instructors **A State Of Data, Mustapha benbihi**

**Debjit Dey**

Date **May 31, 2022**

Length **5 total hours**

# M UNIVERSITY OF MICHIGAN

Jan 1, 2022

DEBJIT DEY

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

*Colleen van Lent* *Chad*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/762D1E10V8H1FY>

Coursera has confirmed the identity of this individual and their participation in the course



DARDEN SCHOOL  
of BUSINESS

Apr 27, 2022

**DEBJIT DEY**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/88HUV7X7AD8>

Coursera has authorized the identity of this individual and their participation in the course.



# **I** ILLINOIS

Feb 7, 2024

**Debjit Dey**

has successfully completed

**Introduction to Sustainability**

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



Dr. Jonathan Thomlin  
Associate Professor  
Research Associate Professor  
School of Earth, Society and Environment  
University of Illinois

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/C68E2PP/TXW>

Coursera has validated the identity of this individual and their  
participation in the course



UNIVERSITY OF MINNESOTA  
Driven to Discover™

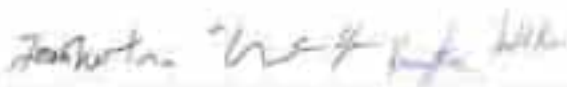
Feb. 8, 2024

**Debjit Dey**

has successfully completed

**Introduction to UI Design**

an online non-credit course authorized by University of Minnesota and offered through  
Coursera



Lakshmi Venkatesh, Mary Dui, Lata Vardi, Dr. Brent Hecht, Joseph A. Santoro  
Department of Computer Science and Engineering  
University of Minnesota

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/UN75YU1B942B>

Coursera has confirmed the identity of this individual and their participation in the course

**COURSERA**  
project  
network

Feb 7, 2024

**Debjit Dey**

has successfully completed

**Getting Started with Azure DevOps Boards**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Mohammad Wed*

Mohammad Al M.  
Software Engineering Instructor

PROJECT  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/Z4VG69UJPR7O>

Coursera has confirmed the identity of this individual and their  
participation in the project.



Feb 08, 2022

**DEBJIT DEY**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DFE8LV5u7R49>

Coursera has confirmed the identity of this individual and their participation in the course.





**MACQUARIE**  
University  
SYDNEY · AUSTRALIA

Feb 7, 2024

**Debjit Dey**

has successfully completed

**Data Visualization in Excel**

an online non-credit course authorized by Macquarie University and offered through  
Coursera

Niky Bull  
Exam Consultant  
Macquarie Business School

Dr Prashant K. Karimath, DPhD  
Senior Lecturer - Statistics & Leadership  
Department of Actuarial Studies and Business Analytics,  
Macquarie Business School

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7CGT803Nxc145>

Coursera has confirmed the identity of this individual and their participation in the course



# Georgia Institute of Technology

Nov 23, 2021

**DEBJIT DEY**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/G1684TR435x6>

Coursera has confirmed the identity of this individual and their participation in the course.



# Virtual Internship Completion Certificate

This is to certify that

**Debjit Dey**

**Hooghly Engineering & Technology College**

has successfully completed 10 weeks

**Data Analytics Virtual Internship**  
during December 2022 - February 2023

Supported By  **aws** academy



**Shri Buddha Chandrasekhar**  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE



**Dr. Satya Ranjan Biswal**  
Chief Technology Officer (CTO)  
EduSkills





Certificate no: UC-56d08b19-7285-4a59-ab79-6d8d7cb30590

Certificate url: [ude.my/UC-56d08b19-7285-4a59-ab79-6d8d7cb30590](https://ude.my/UC-56d08b19-7285-4a59-ab79-6d8d7cb30590)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Statistics & Excel

Instructors **Robert (Bob) Steele**

## Chayan Nath

Date **May 21, 2024**

Length **45.5 total hours**





Certificate no: UC-60cfee19-4708-41ab-ad55-d76187535f2e

Certificate url: [ude.my/UC-60cfee19-4708-41ab-ad55-d76187535f2e](https://ude.my/UC-60cfee19-4708-41ab-ad55-d76187535f2e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real NMAP : Elite Network Scanning & Recon in 10 Hours|CNMP+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Chayan Nath

Date **May 21, 2024**

Length **10 total hours**



Certificate no: UC-414bd605-c9ed-400a-b196-c2796120049f

Certificate url: [ude.my/UC-414bd605-c9ed-400a-b196-c2796120049f](https://ude.my/UC-414bd605-c9ed-400a-b196-c2796120049f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Management with ChatGPT: Complete Guide

Instructors **Andrii Piatakha**

## Chayan Nath

Date **May 21, 2024**

Length **13.5 total hours**



Certificate no: UC-377056a5-a7c6-4775-80b1-f7b4afcccbf5  
Certificate url: [ude.my/UC-377056a5-a7c6-4775-80b1-f7b4afcccbf5](https://ude.my/UC-377056a5-a7c6-4775-80b1-f7b4afcccbf5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Chayan Nath

Date **May 21, 2024**

Length **21 total hours**





Certificate no: UC-679190b5-c798-4e78-8724-adb52b605b50

Certificate url: [ude.my/UC-679190b5-c798-4e78-8724-adb52b605b50](https://udemy.com/certificate/UC-679190b5-c798-4e78-8724-adb52b605b50)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP : CJNP+ 2024 JVA

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Chayan Nath

Date **May 21, 2024**

Length **8.5 total hours**





Certificate no: UC-b70ee643-6d2b-42ea-98e0-fa278f724d5b

Certificate url: [ude.my/UC-b70ee643-6d2b-42ea-98e0-fa278f724d5b](https://ude.my/UC-b70ee643-6d2b-42ea-98e0-fa278f724d5b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spring Framework for Java Developers: Practical Guide

Instructors **Andrii Piatakha**

## Chayan Nath

Date **May 21, 2024**

Length **20.5 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**USHNIK BANERJEE**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **83** %

Online Assignments	24.53/25	Proctored Exam	58.93/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S550200046

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**USHNIK BANERJEE**

for successfully completing the course

**Ethics in Engineering Practice**



with a consolidated score of **78** %

Online Assignments	22.92/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG17S650200097

To verify the certificate



No. of credits recommended: 2 or 3





Certificate no: UC-d1dcba47-aaaa-4550-a726-dd6806a775d7

Certificate url: [ude.my/UC-d1dcba47-aaaa-4550-a726-dd6806a775d7](https://ude.my/UC-d1dcba47-aaaa-4550-a726-dd6806a775d7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Ushnik Banerjee

Date **May 3, 2024**

Length **77 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**TRISHIT MAJUMDAR**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **60** %

Online Assignments	21.22/25	Proctored Exam	38.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S650200098

To verify the certificate



No. of credits recommended: 3 or 4





Certificate no: UC-59915530-6ff9-4048-9dd4-fb43c64bc64e

Certificate url: [ude.my/UC-59915530-6ff9-4048-9dd4-fb43c64bc64e](https://ude.my/UC-59915530-6ff9-4048-9dd4-fb43c64bc64e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Trishit Majumdar

Date **May 6, 2024**

Length **77 total hours**

## Statement of participation

# Trishit Majumdar

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 10 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE:** ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsok to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everywhere

#### Section 5

Landscape with Weapon an allegory

#### Section 6

Conclusion

#### Section 7

Summary



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S23650555

To  
VIVEK MANDAL  
HOLDING NO. 25/1/4, R N T P ROAD  
SHYAMNAGAR, WEST BENGAL  
SHYAMNAGAR  
WEST BENGAL - 743127  
PH. NO :6290621132



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VIVEK MANDAL**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **82** %



Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	31.92/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







Certificate no: UC-4db774c8-8399-4966-9366-3e200b42f150

Certificate url: [uda.my/UC-4db774c8-8399-4966-9366-3e200b42f150](https://uda.my/UC-4db774c8-8399-4966-9366-3e200b42f150)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Vivek Mandal**

Date **May 10, 2023**

Length **11 total hours**

नामांकन सं. / Enrolment No. : 20221001557112

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. VIVEK MANDAL**

को " मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

**AWARDED TO**

**MR. VIVEK MANDAL**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

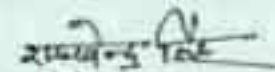
Date: 20-07-2022

Place: Dehradun

UID: a57bd8dcca4b50d7bd1d3e5d7294ed21 . This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक / Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun



नामांकन सं. / Enrolment No. : 20221011558772

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. VIVEK MANDAL**

को " वायुमंडल का उपग्रहीय सुदूर संवेदन "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 11 जुलाई, 2022 से 15 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. VIVEK MANDAL**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Satellite Remote Sensing of Atmosphere"**

THIS ONLINE COURSE WAS CONDUCTED DURING **11-07-2022 to 15-07-2022** ( Total course duration was = 7 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

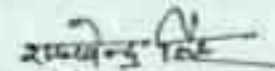
Date: 27-07-2022

Place: Dehradun

UID: f2033aa0884cde886fc205ba47b97a1 This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक / Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun





DARDEN SCHOOL  
of BUSINESS

May 23, 2021

Vivek Mandal

has successfully completed

Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/879PISXGSSZ>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 27, 2022

**Vivek Mandal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/STYAKTBXREKA](https://coursera.org/verify/STYAKTBXREKA)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

May 22, 2021

**Vivek Mandal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Gifford, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/OLSR952182CH>

Coursera has verified the identity of this individual and their participation in the course.



Apr 26, 2022

**Vivek Mandal**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

Three handwritten signatures in black ink, likely representing the course instructor and university officials.

Don Sims, MBA M.Ed., Ph.D., Ann T. Sims, Ed.D., Vice Rector, I.D.  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/M2AS01SE91E>

Coursera has validated the identity of this individual and their participation in the course.





Apr 27, 2022

**Vivek Mandal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/NX8F24X589F7>

Coursera has confirmed the identity of this individual and their participation in the course

# M UNIVERSITY OF MICHIGAN

02-Feb-2023

Vivek Mandal

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/A3981C7A3P>

Coursera has confirmed the identity of this individual and their participation in the course



Certificate no: UC-604ec4d3-e66c-4040-9230-b93fff96d0c3

Certificate url: [ude.my/UC-604ec4d3-e66c-4040-9230-b93fff96d0c3](https://udemy.com/certificate/UC-604ec4d3-e66c-4040-9230-b93fff96d0c3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructors **YouAccel Training**

**Vivek Mandal**

Date **May 10, 2023**

Length **11 total hours**



Certificate no: UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8

Certificate url: [ude.my/UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8](https://ude.my/UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Good Sleep Habits Course - Sleep Better Tonight!

Instructors **TJ Walker, Media Training Worldwide Digital**

## Vivek Mandal

Date **May 6, 2023**

Length **7 total hours**





Certificate no: UC-c0bcde79-6be6-4efd-9bab-ce54526a8072

Certificate url: [ude.my/UC-c0bcde79-6be6-4efd-9bab-ce54526a8072](https://ude.my/UC-c0bcde79-6be6-4efd-9bab-ce54526a8072)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Telecommuting Course - Remote Work - Work Life

Instructors **TJ Walker, Media Training Worldwide Digital**

**Vivek Mandal**

Date **May 6, 2023**

Length **7.5 total hours**



Certificate no: UC-29821e08-1cfe-4707-81b2-2f400723e701

Certificate url: [ude.my/UC-29821e08-1cfe-4707-81b2-2f400723e701](https://ude.my/UC-29821e08-1cfe-4707-81b2-2f400723e701)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Introduction to C++ Programming

Instructors **Yassin Marco**

**Vivek Mandal**

Date **May 6, 2023**

Length **5 total hours**

**Certificate No 1 :- Preparation to Java SE 11  
Developer Exam: 1Z0-819 & 1Z0-817.**



## Certificate No 2 :- Java Test Automation Engineer – From Zero to Hero.





## Certificate No 3 :- Software architecture.





Certificate no: UC-7ca63004-e167-4df1-91a8-ec008144d92b

Certificate url: [ude.my/UC-7ca63004-e167-4df1-91a8-ec008144d92b](https://ude.my/UC-7ca63004-e167-4df1-91a8-ec008144d92b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Biswajit Majumder**

Date **7 May 2022**

Length **22 total hours**

# Certificate No 5 :- HTML 5,Python,Flask Framework All In One Complete Course.





Certificate no: UC-a3d505fa-a989-4d15-b62b-064679f77b72

Certificate url: [udemy.com/UC-a3d505fa-a989-4d15-b62b-064679f77b72](https://udemy.com/UC-a3d505fa-a989-4d15-b62b-064679f77b72)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Managerial Accounting / Cost Accounting

Instructors **Robert (Bob) Steele**

**Biswajit Majumder**

Date **5 May 2023**

Length **53.5 total hours**





Certificate no: UC-45c1a6d6-73eb-4448-8077-ce9061dfee97

Certificate url: [ude.my/UC-45c1a6d6-73eb-4448-8077-ce9061dfee97](https://ude.my/UC-45c1a6d6-73eb-4448-8077-ce9061dfee97)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Governmental Accounting 100

Instructors **Robert (Bob) Steele**

**Biswajit Majumder**

Date **10 Feb 2024**

Length **18 total hours**



Certificate no: UC-5b0a116b-0a49-4f5e-b40d-e56cd4a2eb75

Certificate url: [ude.my/UC-5b0a116b-0a49-4f5e-b40d-e56cd4a2eb75](https://ude.my/UC-5b0a116b-0a49-4f5e-b40d-e56cd4a2eb75)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

**Biswajit Majumder**

Date **10 Feb 2024**

Length **29 total hours**



Certificate ID: UC-45720266-a27e-4e71-b256-612293e724c1  
Certificate URL: [udacity.com/UC-45720266-a27e-4e71-b256-612293e724c1](https://udacity.com/UC-45720266-a27e-4e71-b256-612293e724c1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting with Dekker: The Only Copy Course You Ever Need!

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Sayan Saha**

Date **May 9, 2024**

Length **18 total hours**



Certificate no: UC-8028cca-65ae-4020-8748-19188fcd16b  
Certificate url: [udemy.com/certificate/UC-8028cca-65ae-4020-8748-19188fcd16b](https://udemy.com/certificate/UC-8028cca-65ae-4020-8748-19188fcd16b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SaaS Marketing with Dekker: SaaS Startup Lead Generation

Instructors **Dekker Fraser, MBA**

**Sayan Saha**

Date **May 9, 2024**

Length **17.5 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOVAN GHOSH**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **52** %

Online Assignments	20.78/25	Proctored Exam	31.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S557300022

To verify the certificate



No. of credits recommended: 3 or 4





Certificate no: UC-abaf5019-bf54-44fa-a38e-7201bdb69e53

Certificate url: [ude.my/UC-abaf5019-bf54-44fa-a38e-7201bdb69e53](https://ude.my/UC-abaf5019-bf54-44fa-a38e-7201bdb69e53)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Sovan Ghosh

Date **May 17, 2024**

Length **8 total hours**



Certificate no: UC-6d2461f9-39d7-45a6-addb-bf11915666bf

Certificate url: [ude.my/UC-6d2461f9-39d7-45a6-addb-bf11915666bf](https://www.udemy.com/certificate/UC-6d2461f9-39d7-45a6-addb-bf11915666bf/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Sovan Ghosh

Date **Jan. 13, 2024**

Length **77 total hours**



Certificate no. UC-ResatID-2054-4493-1100-20099660490  
Certificate url: udemy12-ResatID-2054-4493-1100-20099660490  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Beginner to Intermediate: EC2, IAM, ELB, ASG, Route 53**

Instructor: YouAccel Training

**Soumadeep chatterjee**

Date: May 24, 2023

Length: 0.5 total hours





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOUMADEEP CHATTERJEE**  
for successfully completing the course.



## The Joy of Computing using Python

with a consolidated score of **75** %

Online Assignments	24.06/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **10672**

Prof. Devendra Jalihal

Chairperson,

Centre for Gammech and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras





Certificate Number : 2024019114

www.caddapp.com

Ph No : +91-8055344556

Email : caddappindia@gmail.com

# CERTIFICATE OF COMPLETION



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम  
Registration No : UDYAM-MH-26-0316831

  
**Skill India**  
कौशल भारत - कुशल भारत



# Certificate

# CONGRATULATIONS



By MicroCADD  
**CADDapp** India  
Start Learning Today...

This Certificate is Presented To,

**Name Soumyadip Banerjee**

**Course Complete AutoCAD Course**

**Field Civil**

**From 01/01/2024 To 01/05/2024**



Scan & Verify  
www.caddapp.com

CADDapp India

**CERTIFIED**

Course Completed  
Online

You have successfully completed an online software course on CADDapp specifically designed to satisfy your training requirements. Training course instructor deliver quality learning experiences with course related to Autodesk product utilizing relevant content and comprehensive courseware. Our vision is to help people imagine, design and create a better world.

(Er. Mukhtar Ansari)  
Trainer / Founder





Certificate Number : 2024019115

www.caddapp.com

Ph No : +91-8055344556

Email : caddappindia@gmail.com



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम  
Registration No : UDYAM-MH-26-0316831



**Skill India**  
कौशल भारत - कुशल भारत



**CERTIFICATE OF COMPLETION**

**Certificate**

**CONGRATULATIONS**



By MicroCADD

**CADDapp**  
Start Learning Today...

India

This Certificate is Presented To,

**Name Soumyadip Banerjee**

**Course Complete Revit Course**

**Field Civil**

**From 01/01/2024 To 01/05/2024**



Scan & Verify  
www.caddapp.com

CADDapp India

**CERTIFIED**

Course Completed  
Online

You have successfully completed an online software course on CADDapp specifically designed to satisfy your training requirements. Training course instructor deliver quality learning experiences with course related to Autodesk product utilizing relevant content and comprehensive courseware. Our vision is to help people imagine, design and create a better world.

(Er. Mukhtar Ansari)  
Trainer / Founder







# Georgia Institute of Technology

Jan 26, 2022

**Arnab Sadhukhan**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/K6ZM9WHD8KX7Z>

Coursera has confirmed the identity of this individual and their participation in the course.





5 Courses

Introduction to HTML5

Introduction to CSS3

Interactivity with JavaScript

Advanced Styling with Responsive Design

Web Design for Everybody Capstone



Mar 10, 2022

**Arnab Sadhukhan**

has successfully completed the online, non-credit Specialization

# Web Design for Everybody: Basics of Web Development & Coding

This Specialization covers how to write syntactically correct HTML5 and CSS3, and how to create interactive web experiences with JavaScript. Mastering this range of technologies will allow you to develop high quality web sites that work seamlessly on mobile, tablet, and large screen browsers-accessible. During the capstone you will develop a professional-quality web portfolio demonstrating your growth as a web developer and your knowledge of accessible web design. This will include your ability to design and implement a responsive site that utilizes tools to create a site that is accessible to a wide audience, including those with visual, audial, physical, and cognitive impairments.

The online specialization noted in this certificate may differ in content from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

*Colleen van Lent*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information,  
University of Michigan

Verify this certificate at:

<https://coursera.org/verify/specialization/WUKJCDAAWIT>



Certificate no: UC-40ce2bd4-93f9-46cd-aa0e-3b82cad43920

Certificate url: [ude.my/UC-40ce2bd4-93f9-46cd-aa0e-3b82cad43920](https://ude.my/UC-40ce2bd4-93f9-46cd-aa0e-3b82cad43920)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Adobe Lightroom Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Arnab Sadhukhan

Date **May 7, 2022**

Length **33 total hours**



Certificate no: UC-76fd457f-e947-415d-a0d2-998142dbf9cd

Certificate url: [ude.my/UC-76fd457f-e947-415d-a0d2-998142dbf9cd](https://ude.my/UC-76fd457f-e947-415d-a0d2-998142dbf9cd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 51 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## **Arnab Sadhukhan**

Date **Jan. 21, 2023**

Length **37.5 total hours**



1999-2022

**priyo ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajeev S. Raghuram*

Rajeev S. Raghuram, PhD  
Professor of Business Administration  
Senior Lecturer of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/EDSLN7C7LDYF](https://coursera.org/verify/EDSLN7C7LDYF)

Coursera has confirmed the identity of the individual and their association to the school.





**Georgia Institute**  
**of Technology**

Jan 16, 2017

**priyo ghosh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

David J. Reardon  
Vice President  
of Academic Programs

**COURSE  
CERTIFICATE**



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signature are trademarks of Coursera Inc.



THE UNIVERSITY  
of EDINBURGH

July 19, 2020

priyo ghosh

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera

*Prof. Andrew Davis*  
*Prof. Thomas Blundell*

Prof. David Brown, Professor Emerita Judith Lewis, Professor Christoph von Steiger, Prof. Brian Skyrms, Prof. David Wallace, Assistant Professor  
Department of Philosophy  
The University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9898F7626444](https://coursera.org/verify/9898F7626444)

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certificates@coursera.com



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

DATE: 01/04/2024

**priyo ghosh**

has successfully completed

**Code Yourself! An Introduction to Programming**

an online course which is offered by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr Anne Stewart  
Vice-Chancellor  
The University of Edinburgh

Dr Priyo Ghosh  
Engineering Director  
International ORT Uruguay

Verifying this certificate requires access to the course data and that  
participants in the course.

On 2/2/2020

**priyo ghosh**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



*Ali Gada*

*Dr. Michael H. Stewart*

Michael H. Stewart, Ph.D.  
Professor  
Department of Computer Science and Engineering  
Vanderbilt University

Michael H. Stewart, Ph.D.  
Professor  
Department of Computer Science and Engineering  
Vanderbilt University

Verify at:  
<https://coursera.org/verify/0220/000114>

Coursera has confirmed the accuracy of this certificate and that  
it complies with the record.





# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Learn English with Adam**

08 hours 37 minutes - From 17/05/2024 to 17/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Excel basic to advanced by Trump Excel**

08 hours 13 minutes - From 17/05/2024 to 17/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Java for beginners by ProgrammingKnowledge**

08 hours 09 minutes - From 19/05/2024 to 19/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Ayush Bala**  
has completed the following courses on our platform:



**Android for beginners by The new boston**

08 hours 01 minutes - From 19/05/2024 to 19/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ayush Bala

u4321442

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





Certificate ID: UC7779542-2022-05-12-000000000000  
Certificate ID: UC7779542-2022-05-12-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# SQL Masterclass: SQL for Data Analytics

Instructor: **Start-Tech Academy**

**Tiyasha Ghosh**

Date: **May 12, 2022**

Length: **8 total hours**



Certificate ID: UC-471-65677929-401-9421-30732048264  
Certificate ID: UC-471-65677929-401-9421-30732048264  
Reference Number: 0224

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: **Robert (Bob) Steele**

**Tiyasha Ghosh**

Date: **May 13, 2022**

Length: **155.5 total hours**



Certificate ID: 4802758-6444-476-219-2072227044  
Certificate of udemy/C-4802758-6444-476-219-2072227044  
Issued on May 18, 2022

CERTIFICATE OF COMPLETION

# Corporate Finance

Instructors: Robert (Bob) Steele

**Tiyasha Ghosh**

Date: May 18, 2022

Length: 163.5 total hours



Udemy Inc. 6750th Ave. Suite 400  
San Francisco, CA 94133  
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CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructor: Robert (Bob) Steele

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 17.5 total hours





Certificate no. UC-202302-400-0000-000000000000  
Certificate of completion issued by Udemy, Inc. on 02/03/2023  
Kashwan Kim 02/03

CERTIFICATE OF COMPLETION

# Complete Guide to TOEFL iBT | Get the score you need!

Instructor: Kashwan Kim

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 21 total hours



Certificate ID: ud-certs-2023-04-0000-000000000000  
Certificate ID: ud-certs-2023-04-0000-000000000000  
February 3, 2023

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructor: Robert (Bob) Stawle

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 44 total hours



Certificates are not awarded for this course.  
Certificates are not awarded for this course.  
February 8, 2024

CERTIFICATE OF COMPLETION

# Master Your Anxiety: Banish Anxiety & Control Your Emotions

Instructor: Mark Lidster

**Tiyasha Ghosh**

Date: Feb. 8, 2024

Length: 11.5 total hours



Udemy Inc. 2022071516346-4091-4091-4091-4091  
Certificate number: 00027942-4091-4091-4091-4091  
Reference Number: 0001

CERTIFICATE OF COMPLETION

# Mini MBA in Entrepreneurship

Instructors: *MTF Institute of Management, Technology and Finance*

**Tiyasha Ghosh**

Date: Feb, 8, 2024

Length: 10.5 total hours





Certificate No. UC-66666666-66666666-66666666  
Certificate ID: UC-66666666-66666666-66666666  
Enrollment Number: 0000

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors: Pierre-Henry Sorla

**Tiyasha Ghosh**

Date: Feb. 8, 2024

Length: 18.5 total hours

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650497

To  
SUBHODEEP MISHRA  
VILL-KHANYAN DAKSHINPARA, PO-KHANYAN  
PS-PANDUA, DIST-HOOGHLY  
CHINSURAH  
WEST BENGAL - 712147  
PH. NO :9635243192



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHODEEP MISHRA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **77** %



Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	26.6/50
--------------------	-------	------------------	-------	----------------	---------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thongaraj*

Prof. Andrew Thongaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





DARDEN SCHOOL  
of BUSINESS

May 19, 2020

**Subhodeep Mishra**

Non-credit/audit enrollment

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*May C. Justice*

May C. Justice  
Dean/Provost, Darden School  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certify/2f992b8f228>

Coursera has confirmed the identity of this issuer and the  
authenticity of this course



**Georgia Institute**  
**of Technology**

May 9, 2021

**Subhodeep Mishra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

David J. Reardon  
Vice President  
of Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/GET/INTEL/OL/WSW](https://coursera.org/verify/GET/INTEL/OL/WSW)

Coursera has confirmed the validity of this certificate and that  
an individual is the learner



# Yale

1 Apr. 2023

**Debarpan Mustafi**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/ERN/C26PMSE](https://coursera.org/verify/ERN/C26PMSE)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



16 Mar. 2023

# Debarpan Mustafi

has successfully completed with honors

## Java Programming: Solving Problems with Software

an online non-credit course authorized by Duke University and offered through Coursera

Susan H. Rigdon, Devin J. Strydom, Andrew D. Wilson, Robert Dorral

COURSE  
CERTIFICATE

WITH HONORS



Verify at:

<https://coursera.org/verify/ZP7388FWK8W>

Coursera has confirmed the identity of this individual and their participation in the course

# **M** UNIVERSITY OF MICHIGAN

15 Mar. 2023

Debarpan Mustafi

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TEK2PXY16230>

Coursera has authorized the identity of this individual and their participation in the course



# Georgia Institute of Technology

15 Mar. 2023

**Debarpan Mustafi**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/GTBB5MDD2107>

Coursera has validated the identity of this individual and their participation in the course.





17 Mar. 2023

**Debarpan Mustafi**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/20TR86tjEP280>

Coursera has confirmed the identity of this individual and their  
participation in the course

7 Apr. 2023

**Debarpan Mustafi**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Ladner, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Peropartz, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Neuroscience, and Biology

Verify at:

<https://coursera.org/verify/USF880UYNHAF>

Coursera has confirmed the identity of the individual and their participation in the course.



Certificate no: UC-540e2ccd-6d58-4631-aef7-695c4bd78da4  
Certificate url: [ude.my/UC-540e2ccd-6d58-4631-aef7-695c4bd78da4](https://ude.my/UC-540e2ccd-6d58-4631-aef7-695c4bd78da4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Individual Income Tax Form 1040 Comprehensive Problem

Instructors **Robert (Bob) Steele**

**Snehasis Das**

Date **May 6, 2024**

Length **8 total hours**



Certificate no: UC-0fdea672-f526-4ac8-b7fd-410e676b5024

Certificate url: [ude.my/UC-0fdea672-f526-4ac8-b7fd-410e676b5024](https://udemy.com/certificate/UC-0fdea672-f526-4ac8-b7fd-410e676b5024)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Red Teaming | Exploit Development with Assembly and C | MSAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Snehasis Das

Date **May 13, 2024**

Length **17.5 total hours**





Certificate no: UC-19e5d1eb-fbaf-4642-bb6c-46966ccf161c

Certificate url: [ude.my/UC-19e5d1eb-fbaf-4642-bb6c-46966ccf161c](https://ude.my/UC-19e5d1eb-fbaf-4642-bb6c-46966ccf161c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Human Resources Management

Instructors **MTF Institute of Management, Technology and Finance**

## Snehasis Das

Date **May 6, 2024**

Length **11.5 total hours**



Certificate no: UC-0e12ded7-282d-4861-8c55-857d4f96ce7a

Certificate url: [ude.my/UC-0e12ded7-282d-4861-8c55-857d4f96ce7a](https://ude.my/UC-0e12ded7-282d-4861-8c55-857d4f96ce7a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# R Programming for Beginners

Instructors **Uplatz Training**

**Sayandip Das**

Date **May 6, 2022**

Length **8.5 total hours**



5 Courses

Introduction to HTML5

Introduction to CSS3

Interactivity with JavaScript

Advanced Styling with Responsive Design

Web Design for Everybody Capstone



Apr 28, 2022

**SAYANDIP DAS**

has successfully completed the online, non-credit Specialization

# Web Design for Everybody: Basics of Web Development & Coding

This Specialization covers how to write syntactically correct HTML5 and CSS3, and how to create interactive web experiences with JavaScript. Mastering this range of technologies will allow you to develop high quality web sites that work seamlessly on mobile, tablet, and large screen browsers-accessible. During the capstone you will develop a professional-quality web portfolio demonstrating your growth as a web developer and your knowledge of accessible web design. This will include your ability to design and implement a responsive site that utilizes tools to create a site that is accessible to a wide audience, including those with visual, audial, physical, and cognitive impairments.

The online specialization noted in this certificate may differ in content from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

*Colleen van Lent*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information,  
University of Michigan

Verify this certificate at:

<https://coursera.org/verify/specialization/5X2FWABUCM>

# Stanford | ONLINE

Apr 4, 2022

SAYANDIP DAS

has successfully completed

Divide and Conquer, Sorting and Searching, and  
Randomized Algorithms

an online non-credit course authorized by Stanford University and offered through  
Coursera



Tim Roughgarden  
Adjunct Professor of Computer Science  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT  
EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THE PARTICIPANT WOULD  
ENROLL AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY IT DOES NOT CONFER A STANFORD  
UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

Coursera has confirmed the identity of this individual and their  
participation in the course.

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UYZCJ4ASW0GU>



# **M** UNIVERSITY OF MICHIGAN

April 7, 2020

**SAYANDIP DAS**

has successfully completed

**Advanced Styling with Responsive Design**

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Colleen van Lent* *Chad*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:

<https://coursera.org/verify/WAMW2205178x20>

Coursera has validated the identity of this individual and their participation in the course.



UNIVERSITY OF MINNESOTA  
Driven to Discover™

COURSE  
CERTIFICATE

Mar 21, 2022

SAYANDIP DAS

has successfully completed

Introduction to Software Testing

an online non-credit course authorized by University of Minnesota and offered through  
Coursera



Kevin Woods  
Director of Graduate Studies, Software Engineering  
Department of Computer Science and Engineering

Verify at:  
<https://coursera.org/verify/23VMUCVPS5>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate no: UC-d8360603-5c92-4384-9ce0-262e4f97d688

Certificate url: [ude.my/UC-d8360603-5c92-4384-9ce0-262e4f97d688](https://udemy.com/certificate/UC-d8360603-5c92-4384-9ce0-262e4f97d688)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning using Python Programming

Instructors **Sujithkumar MA**

## Sayandip Das

Date **Dec. 19, 2022**

Length **7.5 total hours**



Certificate no: UC-258036de-47eb-446b-9018-bddbd15e53a8  
Certificate url: [ude.my/UC-258036de-47eb-446b-9018-bddbd15e53a8](https://ude.my/UC-258036de-47eb-446b-9018-bddbd15e53a8)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Neural Networks (ANN) with Keras in Python and R

Instructors **Start-Tech Academy**

## Sayandip Das

Date **Jan. 21, 2023**

Length **8.5 total hours**





Certificate no: UC-f89624ba-74e3-4bae-823d-365b1dce420e

Certificate url: [ude.my/UC-f89624ba-74e3-4bae-823d-365b1dce420e](https://ude.my/UC-f89624ba-74e3-4bae-823d-365b1dce420e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# React JS- Complete Guide for Frontend Web Development [2022]

Instructors **EdYoda Digital University, Qaifi Khan, Mavludin Abdulkadirov**

## Sayandip Das

Date **Jan. 21, 2023**

Length **22 total hours**



Certificate no: UC-4c69bd86-3c9e-4ef7-8952-2f68965a3d02  
Certificate url: [ude.my/UC-4c69bd86-3c9e-4ef7-8952-2f68965a3d02](https://udemy.com/UC-4c69bd86-3c9e-4ef7-8952-2f68965a3d02)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Intelligence (AI) in the Classroom

Instructors **Alexiei Dingli**

## Sayandip Das

Date **Jan. 21, 2023**

Length **9 total hours**



Certificate no: UC-d254b5b7-09ee-4022-ad76-d6e319cbcf0e

Certificate url: [ude.my/UC-d254b5b7-09ee-4022-ad76-d6e319cbcf0e](https://ude.my/UC-d254b5b7-09ee-4022-ad76-d6e319cbcf0e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Mega Course : Go Beginner to Expert in Python3

Instructors **Funky Programmer**

## Sayandip Das

Date **Jan. 21, 2023**

Length **11 total hours**





Certificate no: UC-a38693aa-6208-4bfd-9bf2-41ac286143af

Certificate url: [ude.my/UC-a38693aa-6208-4bfd-9bf2-41ac286143af](https://ude.my/UC-a38693aa-6208-4bfd-9bf2-41ac286143af)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App's Development Masterclass - Build 2 Apps - Java

Instructors **Vijay Kumar**

## Sayandip Das

Date **May 5, 2024**

Length **8 total hours**





Certificate no: UC-017b3b15-9c59-4949-a4e5-def39daa67e7

Certificate url: [ude.my/UC-017b3b15-9c59-4949-a4e5-def39daa67e7](https://ude.my/UC-017b3b15-9c59-4949-a4e5-def39daa67e7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Sayandip Das**

Date **May 5, 2024**

Length **40 total hours**

**1<sup>ST</sup>  
YEAR(20  
22-2023)**



# Georgia Institute of Technology

Apr 2, 2023

**TUSHAR MAPDER**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/USAUM18M1SA>

Coursera has validated the identity of 194 individuals and their participation in the course.



# Georgia Institute of Technology

Apr 2, 2023

**TUSHAR MAPDER**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/188161901616>

Coursera has confirmed the identity of the individual and their participation in the course.





# Georgia Institute of Technology

Apr 9, 2023

**TUSHAR MAPDER**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Nilam Baker  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/NEWm24FTVW8>

Coursera has confirmed the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Apr 29, 2023

**TUSHAR MAPDER**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Course Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MSUVFAI/EP>

Coursera has confirmed the identity of this individual and their participation in the course



# RICE UNIVERSITY

## COURSE CERTIFICATE

May 7, 2023

**TUSHAR MAPDER**

has successfully completed

**Interpersonal Communication for Engineering  
Leaders**

an online non-credit course authorized by Rice University and offered through Coursera.



Jaya Morel  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Ansh Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/91N8HJCAA9W>

Coursera has verified the identity of the individual and their participation in the course.



Certificate no: UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f

Certificate url: [ude.my/UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f](https://ude.my/UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Tushar Mapder

Date **May 26, 2023**

Length **8 total hours**



**2nd  
YEAR(20  
23-2024)**



Certificate no: UC-975d81f2-239a-4074-9f79-81ed55a2db94

Certificate url: [ude.my/UC-975d81f2-239a-4074-9f79-81ed55a2db94](https://ude.my/UC-975d81f2-239a-4074-9f79-81ed55a2db94)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Html and CSS Mastery With Real Projects 2023

Instructors **Scorpius Academy, Scorpius Academy Support**

## Tushar Mapder

Date **Sept. 9, 2023**

Length **43 total hours**



Certificate no: UC-2331b415-8aa4-42a5-8571-0f33c4bb4e2d

Certificate url: [ude.my/UC-2331b415-8aa4-42a5-8571-0f33c4bb4e2d](https://ude.my/UC-2331b415-8aa4-42a5-8571-0f33c4bb4e2d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on Training

Instructors **Easy learning**

## Tushar Mapder

Date **April 4, 2024**

Length **10.5 total hours**



Certificate no: UC-012db49e-94ec-44df-b88f-b303355372ac

Certificate url: [ude.my/UC-012db49e-94ec-44df-b88f-b303355372ac](https://ude.my/UC-012db49e-94ec-44df-b88f-b303355372ac)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Ethical Hacking and Penetration Testing | EHPT+

Instructors **OCSALY Academy** | **340.000+** Students - **Ethical Hacking**

## Tushar Mapder

Date **May 12, 2024**

Length **9.5 total hours**





## CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. Rajib Mondal** of **1st Year Computer Science and Engineering Department** has successfully participated and has obtained **80 / 100** in the online quiz competition held to commemorate "WORLD EARTH DAY 2024" on **22.04.2024** at **Hooghly Engineering & Technology College**.

*Signature*  
Mr. Swarnajit Samanta  
H.O. / I.T.C.

*Signature*  
Dr. Santosh Ganguly  
Principal / Hooghly Engineering & Technology College



## Certificate

We certify that **Rajib Mondal** has completed the following courses on our platform:



Java By Mumford

20 Hours 22 December 11:45 AM 2024 to 14:00 2024

*Signature*  
Rajib Mondal  
Hooghly Engineering & Technology College

*Signature*  
Rajib Mondal  
Hooghly Engineering & Technology College

04321360

This certificate certifies that the student has achieved the courses and that the score through the CURSO application which is available in the Google Google Play and Apple Store. If you have received this certificate with your ID, you can verify the ID, contact your respective university or contact the CURSO support team for more information. If you have received this certificate with your ID, you can verify the ID, contact your respective university or contact the CURSO support team for more information.

Responsible for this application: Mumford by CURSO (P) LTD, CURSO (P) LTD, CURSO (P) LTD  
E-mail: [support@cursoapp.com](mailto:support@cursoapp.com)



04321360



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ASHISH KUMAR SHARMA**  
for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **80** %

Online Assignments	21.97/25	Proctored Exam	57.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543740106

To validate the certificate



No. of credits recommended: 3 or 4



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ASHISH KUMAR SHARMA**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	15.42/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41533740041

To validate the certificate



No. of credits recommended: 2 or 3



Certificate ID: UC-7d8d75b-2caf-49e4-88cf-0ae44a73279  
Certificate URL: [www.udacity.com/certificate/UC-7d8d75b-2caf-49e4-88cf-0ae44a73279](https://www.udacity.com/certificate/UC-7d8d75b-2caf-49e4-88cf-0ae44a73279)  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# Business English Complete: English for Professionals

Instructors **David Morris, Andrew OHagan**

**Ashish**

Date **May 30, 2023**

Length **19 total hours**





**VANDERBILT  
UNIVERSITY**

Aug 5, 2021

**Ashish Kumar Sharma**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

**COURSE  
CERTIFICATE**



*Ah Gode*

Associate P.O.  
Professor  
Computer Engineering, Computer Science and  
Thermal Engineering

*Dr. Michael A. Bryant*

Edward Tappan '92  
Professor Emeritus  
Emergent Science, Computer Engineering, Electrical Engineering, Neuroscience and Behavior

Verify at:  
<https://coursera.org/verify/INB4EUDCWY65>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate of Completion with 40% score (10/25/2022)  
Certificate of Completion with 40% score (10/25/2022)  
Approved August 2022

CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructors: **BS Academy**

**Sayantana Mallik**

Date: **May 26, 2022**

Length: **8.5 total hours**



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Awarded August 2022

CERTIFICATE OF COMPLETION

# Complete Blues Guitar Megacourse: Beginner to Expert

Instructors: Creativity Unleashed

**Sayantana Mallik**

Date: June 1, 2022

Length: 13.5 total hours



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Certificate of Completion for the course: Digital Forensics Masterclass |  
Forensic Science 2022 DFMC+™  
Award Number: 2022

CERTIFICATE OF COMPLETION

# Digital Forensics Masterclass | Forensic Science 2022 DFMC+™

Instructors: OCSALY - Online Computer Science Academy

**Sayantana Mallik**

Date: May 16, 2022

Length: 11.5 total hours





Certificate no. 30340207-70e4-4e60-b016-8107  
Certificate of Completion for Sayantan Mallik  
Awarded on 15 May 2022

CERTIFICATE OF COMPLETION

# Reverse Engineering and Malware Analysis x64/32: CRMA+ 2022

Instructors: OCSALY - Online Computer Science Academy

**Sayantan Mallik**

Date: May 15, 2022

Length: 9 total hours



Certificate ID: 86975-2023-001-0001-000000000000  
Certificate ID: 86975-2023-001-0001-000000000000  
Approved for 2023

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors: YouAccel Training

**Sayantana Mallik**

Date: June 13, 2023

Length: 8 total hours



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CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructor: **Cyber Quince**

**Sayantana Mallik**

Date: **June 12, 2023**

Length: **12 total hours**



Certificate of Completion  
Certificate of Completion  
Hemant Kumar 2023

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructor: Hemant Kumar

**Sayantn Mallik**

Date: March 24, 2023

Length: 45.5 total hours





Certificate no: UC-20230509-1919-4200-2743-230400000000  
Certificate no: UC-20230509-1919-4200-2743-230400000000  
Awarded on: 09 May 2023

CERTIFICATE OF COMPLETION

# Learn ETABS & SAFE in the Structural Design of 15 Stories RC

Instructor: Ahmad Traboulsi

**Sayantana Mallik**

Date: May 9, 2023

Length: 19 total hours





Certificate ID: 4471276-4896-4026-4229-481848461414  
Certificate number: 4471276-4896-4026-4229-481848461414  
#100004000-2024

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructor: Robert (Bob) Steele

**Sayantana Mallik**

Date: Feb. 26, 2024

Length: 44 total hours



# Georgia Institute of Technology

For a year

**Bishal Chakraborty**

has successfully completed

**Write Professional Emails in English**

under the supervision of the Georgia Institute of Technology and other  
institutions.

\_\_\_\_\_  
Bishal Chakraborty  
Student ID: \_\_\_\_\_

**COURSE  
CERTIFICATE**



with a course completion certificate from  
Georgia Institute of Technology, Atlanta, GA.  
© 2010 Georgia Institute of Technology





ISB

**Bishal Chakraborty**

ISB

**A Life of Happiness and Fulfillment**

ISB

*Rajiv Kumar*

ISB

COURSE  
CERTIFICATE



ISB



University of Colorado

COLLEGE OF BUSINESS

12/15/2017

**Bishal Chakraborty**

*has successfully completed*

**Teamwork Skills: Communicating Effectively in Groups**

*successfully earned a certificate from the University of Colorado Boulder and earned 3 credit hours.*

**Matthew Koschmann**

*has successfully completed*  
*the course and earned a certificate from the University of Colorado Boulder and earned 3 credit hours.*

COURSE  
CERTIFICATE



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For more information, please contact your local support center.  
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AMERICAN MUSEUM  
OF NATURAL HISTORY



2019-2020

**Bishal Chakraborty**

Graduate Student

**Ecology, Ecosystem Dynamics and Conservation**

Department of Ecology and Evolutionary Biology, University of Pennsylvania, 353 South University Avenue, Philadelphia, PA 19104-6201

*Signature*

Department of Ecology and Evolutionary Biology  
University of Pennsylvania  
353 South University Avenue  
Philadelphia, PA 19104-6201

COURSE  
CERTIFICATE



2019-2020  
Department of Ecology and Evolutionary Biology  
University of Pennsylvania  
353 South University Avenue  
Philadelphia, PA 19104-6201

**Verified  
Certificate**



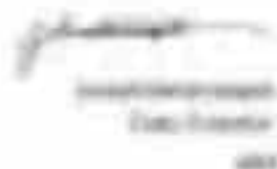
This is to certify that

**Bibek Chakrabarty**

successfully completed and received a passing grade in

**PYD0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



edX  
The MIT-IBM  
Academy

edX  
The MIT-IBM  
Academy



# VERIFIED

CERTIFICATE OF ACHIEVEMENT

 UNIVERSITY of WASHINGTON

This student has

**Bishal Chakraborty**

successfully completed and received a passing grade in

**ENET001: Preparing to Network in English**

a course of study offered by the University, a course meeting standards of  
University of Washington.



UNIVERSITY OF WASHINGTON  
DIGITAL BADGE

UNIVERSITY OF WASHINGTON  
DIGITAL BADGE

UNIVERSITY OF WASHINGTON  
DIGITAL BADGE

# VERIFIED

CERTIFICATE OF ACHIEVEMENT



This certificate is awarded to

**Bishal Chakraborty**

for completing the online course and verified a post-quiz solution

**AWME: Academic Writing Made Easy**

A course offering offered by Prof. Dr. Anthea Lewis at the School of Education, University of Melbourne



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The MIT-OCW Consortium  
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The MIT-OCW Consortium  
© 2012



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

1st July 2020

**Bishal Chakraborty**

has successfully completed

**Code Yourself! An Introduction to Programming**

awarded successfully on behalf of the University of Edinburgh and the ORT  
Department of Informatics



Name of Awarding Authority  
Title of Awarding Authority  
Institution of Awarding Authority

Name of Recipient  
Title of Recipient  
Institution of Recipient

For an awarding authority to be eligible  
for a course certificate, it must be a  
recognised institution

**Verified**  
Certificate

**Harvard**X

This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.

*Richard Stokes*

Richard Stokes

Gregory R. Aring Research Professor of Educational Leadership  
Harvard University



Verified Certificate  
Issued January 19, 2022

Valid Certificate ID:  
[fc66814c80ae445bc0e831131990718264d](#)



**Verified  
Certificate**



Mithun Lakshmin  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued January 19, 2022

Valid Certificate ID:  
[e-3e5c893726041c191e7c334ae8501728](#)

**Verified  
Certificate**



This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.


**Murali Lakshmi**  
Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 19, 2022

Valid Certificate ID  
<https://aws-aws-otp-awsd16.certificateid.com/20220119/0107412>

**Verified**  
Certificate

**Harvard** 

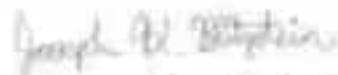
This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**STAT110x: Introduction to Probability**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Joseph K. Blitzstein  
Professor of the Practice in Statistics  
Harvard University



Verified Certificate  
Issued November 28, 2022

Valid Certificate ID  
[8595204c8a484105a2bce8e196995013](#)

**Verified  
Certificate**

**HarvardX**

This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**PH278.Ax: The Health Effects of Climate  
Change**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Anur Barnabas, MD MPH

Co-Director, Center for Climate, Health and the Global  
Environment

Harvard T.H. Chan School of Public Health



Verified Certificate  
Issued January 23, 2023

Valid Certificate ID  
[6e23cd20765641f18f84965c99c10c8d](#)



**Verified  
Certificate**



This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.

A handwritten signature in black ink, appearing to read "Maurice Lavigne".

**Maurice Lavigne**  
Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued January 23, 2023

Valid Certificate ID:  
[C73a22b990814768ac03079c0f184d1](#)

# Verified Certificate



This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative  
of IBM.

Rajiv Anand  
AI and Data Science Program Director  
IBM



Verified Certificate  
Issued September 2, 2023

Valid Certificate ID  
[19956032039744d319c39fdcd529d872](#)

# Verified Certificate



This is to certify that

**Bishal Chakraborty**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.

Raj Arora  
AI and Data Science Program Director



Verified Certificate  
Issued October 10, 2023

Valid Certificate ID  
[4308f9d7075a4526d885cc73e0da2742](#)



Certificate ID: UC-L0P542a-076-455a-4155-61206-767a2  
Certificate URL: udemy.com/certificate/UC-L0P542a-076-455a-4155-61206-767a2  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 15 Days of SQL: The Complete SQL Masterclass 2024

Instructors: **Nikolai Schuler**

**Bishal Chakraborty**

Date: **May 30, 2024**

Length: **14.5 total hours**





Certificate no: UC-c04ad570-1bc1-4531-bab6-1e23035f632c

Certificate url: [ude.my/UC-c04ad570-1bc1-4531-bab6-1e23035f632c](https://ude.my/UC-c04ad570-1bc1-4531-bab6-1e23035f632c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Param Bhattacharjee

Date **April 6, 2024**

Length **77 total hours**



Certificate no: UC-ffbe6f4c-069d-409b-bde3-1a89be141501  
Certificate url: [ude.my/UC-ffbe6f4c-069d-409b-bde3-1a89be141501](https://ude.my/UC-ffbe6f4c-069d-409b-bde3-1a89be141501)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master in Advance Python

Instructors **Shambhavi Gupta**

## Param Bhattacharjee

Date **May 11, 2024**

Length **10 total hours**



Certificate no: UC-8e3b770e-3952-4dd5-b11a-52102b1f74bf  
Certificate url: [ude.my/UC-8e3b770e-3952-4dd5-b11a-52102b1f74bf](https://ude.my/UC-8e3b770e-3952-4dd5-b11a-52102b1f74bf)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Param Bhattacharjee

Date **May 11, 2024**

Length **8 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAYAN DAS**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	19.96/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3025068

To validate the certificate



No. of credits recommended: 2 or 3





Certificate of Completion with 100% or Greater  
Completion Rate (100% or Greater)  
Issued on May 12, 2023

CERTIFICATE OF COMPLETION

# How to sell on ebay Dropshipping as a beginner Step By Step

Instructor: Okyanus University

**Ankita Modak**

Date: May 12, 2023

Length: 12 total hours



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CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Ankita Modak**

Date: May 12, 2023

Length: 64 total hours



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Version: 1.0.0 (2023)

CERTIFICATE OF COMPLETION

# Financial Modeling in Excel - DCF Model of Big Books Corp

Instructors: EDUCBA Bridging the Gap

**Ankita Modak**

Date: May 12, 2023

Length: 8.5 total hours



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San Francisco, CA 94102-4000  
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CERTIFICATE OF COMPLETION

# Python 2023 Basics for Beginners in 10 Days - Part 1

Instructors: Cristian Frunza

**Ankita Modak**

Date: May 12, 2023

Length: 11 total hours





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CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATNO**, **Andrii Platakha**

**Ankita Modak**

Date: **Feb, 23, 2023**

Length: **8.5 total hours**



# Georgia Institute of Technology

Apr 2, 2023

**TUSHAR MAPDER**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/USAUM18M1SA>

Coursera has validated the identity of 194 individuals and their participation in the course.



# Georgia Institute of Technology

Apr 2, 2023

**TUSHAR MAPDER**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/1882619076ME>

Coursera has confirmed the identity of the individual and their participation in the course.



# Georgia Institute of Technology

Apr 9, 2023

**TUSHAR MAPDER**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Nilam Baker  
Professors | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/NLWm2sFTVWb>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

Apr 29, 2023

**TUSHAR MAPDER**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Course Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/MSUVFAI/EP>

Coursera has confirmed the identity of this individual and their participation in the course



# RICE UNIVERSITY

## COURSE CERTIFICATE

May 7, 2023

**TUSHAR MAPDER**

has successfully completed

**Interpersonal Communication for Engineering  
Leaders**

an online non-credit course authorized by Rice University and offered through Coursera.



Jaya Morel  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Ansh Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/91N8HJCAA9W>  
Coursera has verified the identity of the individual and their  
participation in the course.



Certificate no: UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f

Certificate url: [ude.my/UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f](https://ude.my/UC-44d4aab9-42f4-4f00-ab97-3e5aa646f08f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Tushar Mapder

Date **May 26, 2023**

Length **8 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAYAN DAS**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	19.96/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3025068

To validate the certificate



No. of credits recommended: 2 or 3





Certificate no: UC-TS4888c4-7c3c-4ee8-B871-7a20940ea847  
Certificate url: <https://www.udemy.com/certificate/UC-TS4888c4-7c3c-4ee8-B871-7a20940ea847>  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# Python Web Development: Building Interactive Websites

Instructors **Metla Sudha Sekhar**

**Animesh Garai**

Date **May 7, 2024**

Length **19.5 total hours**



Certificate no: UC-9a19894d-8153-4148-9885-755fd7306a03

Certificate url: [ude.my/UC-9a19894d-8153-4148-9885-755fd7306a03](https://ude.my/UC-9a19894d-8153-4148-9885-755fd7306a03)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Animesh Garai

Date **Dec. 14, 2023**

Length **77 total hours**



Certificate no: UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c  
Certificate url: [ude.my/UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c](https://ude.my/UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

**Animesh Garai**

Date **May 8, 2024**

Length **8 total hours**



Certificate no: UC-TS4888c4-7c3c-4ee8-B871-7a20940ea847  
Certificate url: <https://www.udacity.com/certificate/UC-TS4888c4-7c3c-4ee8-B871-7a20940ea847>  
Reference Number: 0054

CERTIFICATE OF COMPLETION

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**Animesh Garai**

Date **May 7, 2024**

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# English for Beginners: Intensive Spoken English Course

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Date **Dec. 14, 2023**

Length **77 total hours**



Certificate no: UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c  
Certificate url: [ude.my/UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c](https://ude.my/UC-ad2ae9a8-7c9a-4021-b8f4-f4e721bbb25c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

**Animesh Garai**

Date **May 8, 2024**

Length **8 total hours**



5 Courses

The Data Scientist's Toolbox  
R Programming  
Getting and Cleaning Data  
Exploratory Data Analysis  
Reproducible Research

JOHNS  
HOPKINS  
UNIVERSITY

May 7, 2022

**Sourav Nandi**

has successfully completed the online, non-credit Specialization

## Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger  
Peng, PhD; Brian Caffo,  
PhD  
Department of  
Biostatistics  
Johns Hopkins  
Bloomberg School of  
Public Health

The entire specialization named in this certificate may have on-campus equivalents taught on campus, but the individual courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a university grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/79EA0726184E>



Certificate for UC-4187a7b-7621-46c2-8a89-6a86a1c2788c  
Certificates url: udemy/UC-4187a7b-7621-46c2-8a89-6a86a1c2788c  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors: **Cyber Quince**

**Sourav Nandi**

Date: **June 12, 2022**

Length: **12 total hours**





Certificate no: UC-3026825-9a6b-4e6a-w4c-65354e885a  
Certificate url: [www.udemy.com/certificate/UC-3026825-9a6b-4e6a-w4c-65354e885a](https://www.udemy.com/certificate/UC-3026825-9a6b-4e6a-w4c-65354e885a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors: YouAccel Training

## Sourav Nandi

Date: June 12, 2022

Length: 8 total hours



Certificate no: UC-3622962-3483-8e20-afef-c5492a781a8f  
Certificate url: udemy/UC-3622962-3483-8e20-afef-c5492a781a8f  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors: **Hemanth kumar**

**Sourav Nandi**

Date: **March 24, 2023**

Length: **45.5 total hours**



Certificate no: UC-0820237a-9826-4021-8097-75a96a6404  
Certificate url: udemy.com/UC-0820237a-9826-4021-8097-75a96a6404  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn ETABS & SAFE in the Structural Design of 15 Stories RC

Instructors: **Ahmad Traboulsi**

**Sourav Nandi**

Date: **March 30, 2023**

Length: **19 total hours**



Certificate ID: UC-282667-5123-4343-1666-842234947108  
Certificate URL: [www.udemy.com/certificate/UC-282667-5123-4343-1666-842234947108](https://www.udemy.com/certificate/UC-282667-5123-4343-1666-842234947108)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Google Certified Educator Level 1 and 2 Masterclass

Instructors: TJ Walker, Jan Ekhteyari, Media Training Worldwide Digital

**Sourav Nandi**

Date: May 13, 2023

Length: 21 total hours





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOHAM DE**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **73** %

Online Assignments	24.97/25	Proctored Exam	47.87/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

Prof. Devendra Jalihal

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533740039

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOHAM DE**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **73** %

Online Assignments	24.97/25	Proctored Exam	47.87/75
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Prof. Devendra Jalihal

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533740039

To validate the certificate



No. of credits recommended: 3 or 4



Certificate No. UC-CERTIFICATE-2023-05-20-0000000000  
Certificate of Completion for SOHAM DE SOHAM DE  
Issued on May 20, 2023

CERTIFICATE OF COMPLETION

# Business Plan: For Startup & Small Business Success Today!

Instructor: Boomy Tokan

**Soham De**

Date: May 20, 2023

Length: 8 total hours





Certificate no. UC-6585283-031-4715-8287-5c75825a297a  
Certificate no. uk-4715-8287-5c75825a297a  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# WordPress for beginners: Best WordPress and marketing course

Instructor: Robbie Carter

**Raj Mukherjee**

Date: June 6, 2022

Length: 20 total hours



Certificate no. UC-4080762-4071-4394-4644-54304076427  
Certificate no. UC-4080762-4071-4394-4644-54304076427  
Reference number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategy Bundle: 7 practical courses in 1!

Instructor: [Anton Voroniuk](#)

**Raj Mukherjee**

Date: June 6, 2022

Length: 12.5 total hours



Certificate no: UC-3882762-971-462-975-932296276  
Certificate url: udemy/certificate/UC-3882762-971-462-975-932296276  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors: Hemant kumar

**Raj Mukherjee**

Date: June 6, 2022

Length: 11 total hours



Certificate no: UC-407afab08-22ac-44b6-ae16-592276a7680  
Certificate url: <https://www.udacity.com/certificate/UC-407afab08-22ac-44b6-ae16-592276a7680>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# Adobe Photoshop 2022 Ultimate Guide

Instructors: Learn Tech Plus

**Raj Mukherjee**

Date: June 6, 2022

Length: 22 total hours





## Certificate of Achievement

# Raj Mukherjee

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week



David Pennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



## Raj Mukherjee

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

**87%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# Raj Mukherjee

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



**Audrey Bellier**  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**Hani Mansour**

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## Raj Mukherjee

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS** **THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

---

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarise ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarise ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks





Certificate no. UC-8616624-2025-4414-8546-6486498347  
Certificate url: <https://www.udacity.com/certificate/UC-8616624-2025-4414-8546-6486498347>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Advertising Course: PPC Advertising Mastery

Instructor: Ing. Tomas Moznek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy

**Raj Mukherjee**

Date: Feb. 1, 2023

Length: 28.5 total hours



Certificate no UC 1807104-420e-4440-8088-ec388e02807e  
Certificate url [www.udemy.com/certificate/UC-1807104-420e-4440-8088-ec388e02807e](https://www.udemy.com/certificate/UC-1807104-420e-4440-8088-ec388e02807e)  
Reference Number 0224

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro Ultimate Guide

Instructors: Jesh Warner

**Raj Mukherjee**

Date: Jan. 3, 2023

Length: 13.5 total hours



3 Courses

Understanding and  
Visualizing Data with Python

Inferential Statistical  
Analysis with Python

Fitting Statistical Models to  
Data with Python



Apr 4, 2023

**Dipti Bag**

has successfully completed the online, non-credit Specialization

## Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

Brenda Gunderson,  
Ph.D., Lecturer IV

Kerby Shedden, Ph.D.,  
Professor

Brady T. West, Ph.D.,  
Research Associate  
Professor

The online specialization noted in this certificate may draw on material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/2023/DI2EBV/>



May 7, 2023

**Dipti Bag**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Hima Wadhwa  
IBM

Verify at:  
<https://coursera.org/verify/FANFCUB235FG>

Coursera has validated the identity of this individual and their participation in the course.



**UCI** University of  
California, Irvine

May 8, 2007

**Dipti Bag**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Sanjiv  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8331MEGyD18>

Coursera has verified the identity of this individual and their  
affiliation in the course

# M UNIVERSITY OF MICHIGAN

May 13, 2023

SOUVIK PAL

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/71501221WV74>

Coursera has validated the identity of this individual and their participation in the course



**4TU** Centre for Ethics  
and Technology

May 12, 2023

**SOUVIK PAL**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Acting Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/US28ASFEV50>

Coursera has confirmed the identity of this individual and their  
participation in the course



## COURSE CERTIFICATE

May 13, 2023

# SOUVIK PAL

has successfully completed

## English for Career Development

an online non-credit course authorized by University of Pennsylvania and offered through  
Coursera



*Brian Mc Manus*

*Kolyn Turner*

Brian McManus  
Language Specialist  
English Language Programs  
University of Pennsylvania

Kolyn Turner  
Senior Language Specialist  
English Language Programs

Verify at:  
[coursera.org/verify/TA00R1046TE](https://coursera.org/verify/TA00R1046TE)

Coursera has confirmed the identity of the individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.





Certificate no: UC-8b72762a-b39a-43c9-8a98-9636ef6010cf  
Certificate url: [ude.my/UC-8b72762a-b39a-43c9-8a98-9636ef6010cf](https://ude.my/UC-8b72762a-b39a-43c9-8a98-9636ef6010cf)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Data Structures Using Python

Instructors **Surendra Varma Pericherla**

**Sudip Pal**

Date **May 7, 2024**

Length **8 total hours**

## Statement of participation

# SUDIP Pal

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 8 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good bad right or wrong?*

#### Section 2

*It's not all Orsok to me!*

#### Section 3

*Relationships emotions and ethics*

#### Section 4

*Ethics everywhere!*

#### Section 5

*Landscape with Weapon an allegory.*

#### Section 6

*Conclusion*

#### Section 7

*Summary*

## Statement of participation

# SUDIP Pal

has passed the free course including all mandatory tests for:

### Everyday English 2

This free 48-hour course provided tips on how to communicate more effectively in everyday life.

**Issue date:** 8 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/languages/everyday-english-2/content-section-overview>

COURSE CODE: F5E\_2





## Everyday English 2

<https://www.open.edu/openlearn/languages/everyday-english-2/content-section-overview>

### Course summary

This free course, Everyday English 2, will inspire you to improve your current English skills and help you to communicate more effectively in everyday work and life.

### Learning outcomes

By completing this course, the learner should be able to:

- listen, understand and make relevant contributions to discussions with others in a range of contexts
- apply your understanding of language to adapt delivery and content to suit audience and purpose
- read a range of different text types confidently and fluently, and apply your knowledge and understanding of texts to your own writing
- write texts of varying complexity, with accuracy and effectiveness, and correct spelling, punctuation and grammar
- understand the situations when, and audiences for which, planning, drafting and using formal language are important, and when they are less important.

### Completed study

The learner has completed the following:

#### Session 1

Introduction and guidance

Session 1: Speaking and listening

#### Session 2

Session 2: Reading

#### Session 3

Session 3: Writing

End-of-course quiz (score 73%)



Certificate no: UC-8fc06f8c-ee5c-4ffd-a872-858256985170

Certificate url: [ude.my/UC-8fc06f8c-ee5c-4ffd-a872-858256985170](https://ude.my/UC-8fc06f8c-ee5c-4ffd-a872-858256985170)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The English Master Course: English Grammar, English Speaking

Instructors **Scott Mendoza**

## Subhradip Roy

Date **May 11, 2024**

Length **43 total hours**



Certificate no: UC-97e72ae6-c31f-4444-a0c4-5b92f9808a2b

Certificate url: [ude.my/UC-97e72ae6-c31f-4444-a0c4-5b92f9808a2b](https://ude.my/UC-97e72ae6-c31f-4444-a0c4-5b92f9808a2b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**Subhradip Roy**

Date **May 10, 2024**

Length **12.5 total hours**



Certificate no: UC-2d2898a0-c307-4caa-b1e9-5de390a892f8

Certificate url: [ude.my/UC-2d2898a0-c307-4caa-b1e9-5de390a892f8](https://ude.my/UC-2d2898a0-c307-4caa-b1e9-5de390a892f8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Subhradip Roy

Date **May 12, 2024**

Length **8 total hours**



# Verified Certificate



This is to certify that

## Santanu Chatterjee

successfully completed and received a passing grade in

### **LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

---

**Clyde Seepersad**

General Manager, Training & Certification,  
The Linux Foundation



Verified Certificate  
Issued January 22, 2021

Valid Certificate ID  
**3371597c87b24b088eddbdfe6ba72b47**



This is to certify that

**Santanu Chatterjee**

successfully completed and  
received a passing grade in

**DL0101EN: Deep Learning  
Fundamentals with Keras**

a course of study offered by IBM,  
an online learning initiative of IBM.

This is to certify that

# **Santanu Chatterjee**

successfully completed and  
received a passing grade in

## **CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by  
UWashingtonX, an online learning  
initiative of University of  
Washington.



This is to certify that

**Santanu Chatterjee**

successfully completed and  
received a passing grade in

**OTP-AWSD12: Building  
Modern Python Applications  
on AWS**

a course of study offered by AWS,





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CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Sivakshi Ranganathan, Saranya Srinidhi

**Santanu Chatterjee**

Date: June 7, 2022

Length: 18.5 total hours

# Verified Certificate



This is to certify that

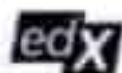
  
Chris Kempner  
SVP & General Manager, Training & Certification  
The Linux Foundation

**Santanu Chatterjee**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued October 15, 2021

Valid Certificate ID  
LFS170x170x7b88aa812ba79ac00111

# Verified Certificate



Technische Universität München

This is to certify that

**Santanu Chatterjee**

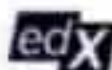
successfully completed and received a passing grade in

**QPLS1x: Six Sigma: Define and Measure**a course of study offered by TUMx, an online learning initiative  
of Technical University of Munich.

Martin Gruber

Professor of Production and Supply Chain Management  
Technische Universität München

Frank Hees

Senior Lecturer, Technische Universität München  
Professor of Engineering and Business  
Institute for Digital BusinessVerified Certificate  
Issued October 18, 2021Valid Certificate ID:  
<https://ocw.mit.edu/help/faq-fair-use/>

**Verified  
Certificate**

**HarvardX**

This is to certify that

**Santanu Chatterjee**

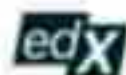
successfully completed and received a passing grade in

**STAT110x: Introduction to Probability**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Joseph K. Bradley  
Professor of the Practice in Statistics  
Harvard University



Verified Certificate  
Issued October 03, 2021

Valid Certificate ID:  
[512752d4e68a56c6f21e60161e102055](#)



# Verified Certificate



This is to certify that

## Santanu Chatterjee

successfully completed and received a passing grade in

### cybfun.10: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of IBM.

---

Coreen Ryskamp

Program Manager, IBM Security Learning Services

IBM

---



Verified Certificate  
Issued May 12, 2022

Valid Certificate ID  
eaf06499137d46cea7a7bc7aa07a20af



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

**Santanu Chatterjee**

Code Theory II: An Introduction to Programming



*[Signature]*

*[Signature]*



May 5, 2016

**Santanu Chatterjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "Sandy Lawrence".

Sandy Lawrence  
Academic  
Affiliations Services

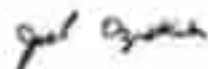
**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SU8EMC3M882U](https://coursera.org/verify/SU8EMC3M882U)  
Coursera has verified the identity of this user and authentic  
authorization of this course.

## Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel D. French

Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Santanu Chatterjee**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued January 20, 2021

Valid Certificate ID  
[646c12e470724c009b2974e83807169](#)





AMERICAN MUSEUM  
& NATURAL HISTORY



Issued to:

**Santanu Chatterjee**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

as a self-paced course collected by American Museum of Natural History, Simons  
Region, National Science Foundation, and other support partners.

Santanu Chatterjee  
Director, Center for Conservation and Systematics  
Department of Systematics

COURSE  
CERTIFICATE



Verify at [www.coursera.org/verify](https://www.coursera.org/verify)  
This certificate is valid for the duration of the course. It is not a degree.  
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Full-time writer

**Koustubh Majumdar**

has successfully completed

**Crash Course on Python**

an online course with a proven curriculum by Google and offered through Coursera

**Google**

Sign

**COURSE  
CERTIFICATE**



Verify at

<https://coursera.org/verify/certificate>

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CERTIFICATE OF COMPLETION

# Complete Adobe Lightroom Megacourse: Beginner to Expert

Instructors: Creativity Unleashed

**Koustubh Majumdar**

Date: May 7, 2022

Length: 33 total hours



**Georgia Institute**  
**of Technology**

09/11/2022

**Koustubh Majumdar**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Koustubh Majumdar  
Assistant Professor  
School of Industrial Engineering

**COURSE  
CERTIFICATE**



Go to [coursera.org/verify/00149022198](https://coursera.org/verify/00149022198)

to view this certificate and details of the individual's course participation on the Coursera platform.





Certificate of Completion for Udemy Course  
Certificate of Completion for Udemy Course  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructor: Creativity Unleashed

**Koustubh Majumdar**

Date: May 27, 2022

Length: 10.5 total hours





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Windsor, Ontario N9A 6K9, Canada  
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CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructor: Pierre-Henry Soria

**Koustubh Majumdar**

Date: May 5, 2024

Length: 18.5 total hours



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CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructor: PROPER DOT INSTITUTE

**Koustubh Majumdar**

Date: May 5, 2024

Length: 10 total hours





Certificate no. UC-8a62222b-0000-4910-8426-000000000000  
Certificate ID: UC-8a62222b-0000-4910-8426-000000000000  
Enrollment Number: 0000

CERTIFICATE OF COMPLETION

# Formal Languages and Automata Theory

Instructors: Prof. R. Madana Mohana

**Shreya Dey**

Date: 10 Sep 2022

Length: 31.5 total hours



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CERTIFICATE OF COMPLETION

# Automate the Boring Stuff with Python Programming

Instructors: Al Sweigart

**Shreya Dey**

Date: 10 Sep 2022

Length: 9.5 total hours



Certificate of Completion for Course: [Udemy: Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817](#)  
Certificate of Completion for Course: [Udemy: Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817](#)  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: [Andrii Piatakha](#), [Learn IT University](#)

**Shreya Dey**

Date: 10 Sep 2022

Length: 28.5 total hours



Certificate of Completion  
Certificate of Completion  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Google BigQuery & PostgreSQL : Big Query for Data Analysis

Instructors: Start-Tech Academy

**Shreya Dey**

Date: 3 May 2024

Length: 11.5 total hours





Certificate ID: UC988247272464-45564724-45564724-45564724  
Certificate ID: UC988247272464-45564724-45564724-45564724  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# PostgreSQL and MS SQL for Beginners

Instructors: Start-Tech Trainings, Start-Tech Academy

**Shreya Dey**

Date: 27 Mar 2024

Length: 9 total hours



Certificate of Completion  
for the course **Complete PYTHON  
Programming for Beginners**  
by **Hemanth Kumar**

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors: **Hemanth Kumar**

**Shreya Dey**

Date: **3 May 2024**

Length: **11 total hours**



Certificate of Completion  
Certificate of Completion  
Certificate of Completion

CERTIFICATE OF COMPLETION

# Pentaho for ETL & Data Integration Masterclass 2024 - PDI 9

Instructors: Start-Tech Academy

**Shreya Dey**

Date: 3 May 2024

Length: 8.5 total hours



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANAND PANDEY**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **72** %

Online Assignments	20.83/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

(8 week course)

**Prof. Haimanti Banerji**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANAND PANDEY**

for successfully completing the course

**The Joy of Computing using Python**



with a consolidated score of **77** %

Online Assignments	24.63/25	Proctored Exam	52.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

**Prof. Divendra Jalihal**  
Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

**Prof. Andrew Thangiraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy****Anand Pandey**Date: **May 11, 2024**Length: **77 total hours**



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for the Completion of C Training

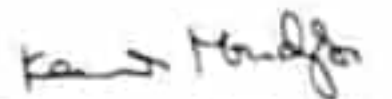
This is to certify that **SUMANA HAZRA** has successfully completed **C** test organized at **Hooghly Engineering & Technology College** by **SUBHOJIT MALIK** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Manish Kumar Singh** from **Hooghly Engineering & Technology College** invigilated this examination.

This training is offered by the Spoken Tutorial Project, IIT Bombay.

**Credits: 2 Score: 50.00%**

June 3rd 2022

  
**Prof. Kannan M Moudgal**  
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Certificate no: UC-98a78a4e-34ec-4158-b0e3-6b5b6d9fb2c6  
Certificate url: [ude.my/UC-98a78a4e-34ec-4158-b0e3-6b5b6d9fb2c6](https://udemy.com/UC-98a78a4e-34ec-4158-b0e3-6b5b6d9fb2c6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online 2022 & 2021 Start to Finish

Instructors **Robert (Bob) Steele**

## Sumana Hazra

Date **Oct. 18, 2022**

Length **155.5 total hours**



नामांकन सं. / Enrolment No. : 2022981524240

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MS. SUMANA HAZRA**

को " आर्टिफिशियल इंटेलिजेंस (एआई) द्वारा पृथ्वी अवलोकन (ईओ) एवं जियोडेटा हैंडलिंग व प्रोसेसिंग "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 02 मई, 2022 से 13 मई, 2022 ( कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MS. SUMANA HAZRA**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing"**

THIS ONLINE COURSE WAS CONDUCTED DURING **02-05-2022 to 13-05-2022** ( Total course duration was = 10 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

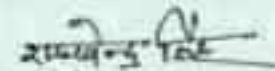
Date: 24-05-2022

Place: Dehradun

UID: 14693057989c04d83d535c4019b4351a. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक / Director  
आई.आई.आर.एस. देहरादून / IIRS, Dehradun



Certificate no: UC-03f30b23-9ff7-45ab-bc6d-e6d47fe5c0f5

Certificate url: [ude.my/UC-03f30b23-9ff7-45ab-bc6d-e6d47fe5c0f5](https://udemy.com/certificate/UC-03f30b23-9ff7-45ab-bc6d-e6d47fe5c0f5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

**Sumana Hazra**

Date **May 12, 2022**

Length **25 total hours**





Certificate no: UC-7e9869ed-c9c5-4d10-8691-548feabb7b95  
Certificate url: [ude.my/UC-7e9869ed-c9c5-4d10-8691-548feabb7b95](https://ude.my/UC-7e9869ed-c9c5-4d10-8691-548feabb7b95)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

**Sumana Hazra**

Date **May 7, 2022**

Length **12 total hours**



Certificate no: UC-57ab91a1-402e-4ef0-9beb-3a9a17dad431

Certificate url: [ude.my/UC-57ab91a1-402e-4ef0-9beb-3a9a17dad431](https://ude.my/UC-57ab91a1-402e-4ef0-9beb-3a9a17dad431)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha, Learn IT University**

## Sumana Hazra

Date **May 7, 2022**

Length **29.5 total hours**





Certificate no: UC-ce475920-a337-4a9a-9f67-cce0790e4f07

Certificate url: [ude.my/UC-ce475920-a337-4a9a-9f67-cce0790e4f07](https://ude.my/UC-ce475920-a337-4a9a-9f67-cce0790e4f07)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Sumana Hazra

Date **May 7, 2022**

Length **8.5 total hours**



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANIRBAN MONDAL**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **65** %

Online Assignments	19.54/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 3388

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41533870004

To validate the certificate



No. of credits recommended: 2 or 3



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Certificate of Udemy/UC-4200044-2019-420-8000-664024964  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: Hertzan Tech

**Anirban Mondal**

Date: April 23, 2023

Length: 12.5 total hours



Certificate no: CC-0140226-1097-4244-6471-62488722684  
Certificate URL: udemy.com/certificate/verify-credential/62488722684  
Issued on: 23 April 2023

CERTIFICATE OF COMPLETION

# The Complete Writing Course: Develop True Writing Mastery

Instructors: TJ Walker, Derek Smith, Media Training Worldwide Digital

**Anirban Mondal**

Date: April 23, 2023

Length: 16 total hours





**Georgia Institute**  
**of Technology**

May 2, 2017

**Anirban Mondal**

200% successfully completed

**Write Professional Emails in English**

your final score reflects a score submitted by Georgia Institute of Technology and earned through Coursera

David J. Reardon  
Dean  
College of Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/en/verify/37827N818ZCC>

Coursera has confirmed the identity of the individual and the qualifications in this record.



**4TU** Centre for Ethics and Technology

May 7, 2017

**Anirban Mondal**

Successful completion

**Ethics, Technology and Engineering**

Successful completion certified by Coursera University of Technology and  
4TU Centre for Ethics and Technology through Coursera

Anirban Mondal  
Student  
University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificates/4TU683>

Coursera has verified the identity of this individual and the  
authenticity of this course



Certificate no: UC-4263a07d-41d3-4177-80d9-db50711f2e4a

Certificate url: [ude.my/UC-4263a07d-41d3-4177-80d9-db50711f2e4a](https://ude.my/UC-4263a07d-41d3-4177-80d9-db50711f2e4a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors **SAP Easy Learning For Beginners**

**Debjit Dey**

Date **March 31, 2023**

Length **56.5 total hours**



3 Courses

Understanding and  
Visualizing Data with Python

Inferential Statistical  
Analysis with Python

Fitting Statistical Models to  
Data with Python



Mar 23, 2023

**Debjit Dey**

has successfully completed the online, non-credit Specialization

## Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

Brenda Gunderson,  
Ph.D., Lecturer IV

Kerby Shedden, Ph.D.,  
Professor

Brady T. West, Ph.D.,  
Research Associate  
Professor

The online specialization noted in this certificate may draw on material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/W2C6N7LP3U>



**UCI** University of  
California, Irvine

Feb 23, 2023

**Coursera Learner**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Dr. Harris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UCI/CV6RMH>

Coursera has confirmed the identity of this individual and their participation in the course



# Georgia Institute of Technology

May 9, 2007

**ANWESHA SANTRA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<http://coursera.org/verify/SBXU7C06161111>

Coursera has validated the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

May 8, 2023

**ANWESHA SANTRA**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lander Beylaker", written over a horizontal line.

Lander Beylaker  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/EUFE4C2SV5T2>

Coursera has confirmed the identity of this individual and their participation in the course

# Yale

May 9, 2007

**ANWESHA SANTRA**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Janice  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/D66T8X1H66PP](https://coursera.org/verify/D66T8X1H66PP)

Coursera has confirmed the identity of this individual and their  
attestation in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Janice, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



# M UNIVERSITY OF MICHIGAN

May 13, 2023

ANWESHA SANTRA

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/d4M9WR1Q2CGG>

Coursera has confirmed the identity of this individual and their participation in the course



Certificate no: UC-a39b8fb3-7518-44f9-81b6-54db197391f1

Certificate url: [ude.my/UC-a39b8fb3-7518-44f9-81b6-54db197391f1](https://ude.my/UC-a39b8fb3-7518-44f9-81b6-54db197391f1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**ANWESHA Santra**

Date **May 21, 2023**

Length **12.5 total hours**





Congratulations, Ardhendu Sekhar Som!  
 You've earned a Verified Certificate from IBM — a great accomplishment, friends, and family will get the news & will proud what you've achieved in Python Basics for Data Science.

# Verified Certificate



The name of the holder

**Ardhendu Sekhar Som**

Issued by **IBM** on **2023-07-20**

**PY0101EN: Python Basics for Data Science**

6 weeks of hands-on Python for data science learning, including a capstone



edX is a leader in providing high-quality, open educational resources to learners worldwide.

Get more information about this certificate, visit the [IBM Verified Certificate page](#).

### About edX

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IBM Verified Certificates are issued to learners who have successfully completed a course or program on the IBM Skills Network. These certificates are a testament to the learner's knowledge and skills, and are recognized by IBM and other leading organizations. IBM Verified Certificates are a valuable asset for learners who are looking to advance their careers in the field of data science.

Number of courses & hours earned

Course(s) / Hours

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Congratulations, Ardhendu Sekhar Som! The window has to close and you must have closed your browser or close it with colleagues, friends, and family to get the word out about what you've achieved in **LF5112x: AI and Big Data**.

# Verified Certificate



This is awarded to:

## Ardhendu Sekhar Som

Successful completion of assessment of learning goal(s)

### LF5112x: Ethics in AI and Big Data

A record of accomplishment offered by The Linux Foundation to all course learning objectives of The Linux Foundation.



**Ardhendu Sekhar Som**  
Student/Teacher/Instructor  
LF5112x



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The Linux Foundation  
www.edx.org  
The Linux Foundation  
www.linuxfoundation.org

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The Linux Foundation is a non-profit organization that provides a secure and reliable learning environment for students and faculty. It is a leading organization in the open source community.

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A Student

**Ardhendu Sekhar Som**

Executive MBA Program

**A Life of Happiness and Fulfillment**

Executive MBA Program

ISB

A handwritten signature in black ink, appearing to read "Rajiv Kumar", is written over a horizontal line.

Executive Director

International School of Business

ISB

COURSE  
CERTIFICATE



100% of students are satisfied with their learning experience.  
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THE UNIVERSITY  
of EDINBURGH

Student name

**Ardhendu Sekhar Som**

Course/Module name

**Introduction to Philosophy**

an online non-credit-bearing certificate by The University of Edinburgh and Coursera through Coursera.

*Ardhendu Sekhar Som*  
Signature

Official University of Edinburgh Signature  
Name: *Ardhendu Sekhar Som*  
Title: *Student*

COURSE  
CERTIFICATE



UNIVERSITY OF EDINBURGH COURSE CERTIFICATE  
This certificate is awarded to the student named *Ardhendu Sekhar Som*  
for completing the course.



# Certificate

We certify that **Arifhendu Sekhar Sam, CSE\_31**  
has completed the following courses on our platform:



**Advanced WordPress theme development by Codevtek Academy**

12 hours 42 minutes - From 26/04/2022 to 15/05/2022

Arifhendu Sekhar Sam  
Executive Director - Cursa

Student Signature  
Arifhendu Sekhar Sam - CSE\_31

c1516-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/inquiry/certificate](https://cursa.app/inquiry/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 26.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity



# Certificate

We certify that **Arifhendu Sekhar Sam, CSE\_31**  
has completed the following courses on our platform:



**Introduction to Computer Science by FreeCodeCamp**

17 hours 03 minutes - From 26/04/2022 to 15/05/2022

Arifhendu Sekhar Sam  
Executive Director - Cursa

Student Signature  
Arifhendu Sekhar Sam - CSE\_31

c1198-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/inquiry/certificate](https://cursa.app/inquiry/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 26.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity





# Certificate

We certify that **Ardhendu Sekhar Som, CSE\_31**  
has completed the following courses on our platform:



**Java for beginners by ProgrammingKnowledge**

21 hours 22 minutes | From 26/04/2022 to 04/05/2022

Ardhendu Sekhar Som  
Executive Director - Cursa

Ardhendu Sekhar Som  
Ardhendu Sekhar Som - CSE\_31

+377-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificates](https://cursa.app/en/my-certificates) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)

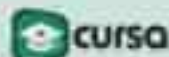


Scan the QR code to  
verify authenticity



# Certificate

We certify that **Ardhendu Sekhar Som, CSE\_31**  
has completed the following courses on our platform:



**SQL Server tutorial for beginners by kudvankat**

24 hours 02 minutes | From 04/03/2023 to 29/04/2023

Ardhendu Sekhar Som  
Executive Director - Cursa

Ardhendu Sekhar Som  
Ardhendu Sekhar Som - CSE\_31

+626-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificates](https://cursa.app/en/my-certificates) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity



# Certificate

We certify that **Ardhendu Sekhar Som, CSE\_31**  
has completed the following courses on our platform:



Logical programming using C language by Programiz

10 hours 55 minutes | From 04/03/2023 to 04/04/2023

Ardhendu Sekhar Som  
Executive Director - Cursa

Ardhendu Sekhar Som  
Ardhendu Sekhar Som - CSE\_31

c2345-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificates](https://cursa.app/en/my-certificates) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 26.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)

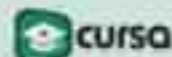


Scan the QR code to  
verify authenticity



# Certificate

We certify that **Ardhendu Sekhar Som, CSE\_31**  
has completed the following courses on our platform:



Excel basic to advanced by Trump Excel

12 hours 54 minutes | From 30/03/2023 to 29/04/2023

Ardhendu Sekhar Som  
Executive Director - Cursa

Ardhendu Sekhar Som  
Ardhendu Sekhar Som - CSE\_31

c1092-1360344

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificates](https://cursa.app/en/my-certificates) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 26.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity



Certificate no: UC-d8cda114-b4f6-4ee8-867a-c38a38660802

Certificate url: [ude.my/UC-d8cda114-b4f6-4ee8-867a-c38a38660802](https://ude.my/UC-d8cda114-b4f6-4ee8-867a-c38a38660802)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**rupam sharma**

Date **April 29, 2023**

Length **8 total hours**



**4TU** Centre for Ethics  
and Technology

May 8, 2023

**Rupam Sharma**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Acting Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/7G-3YV-MCH8D>

Coursera has certified the identity of this individual and their  
participation in the course





# Georgia Institute of Technology

May 9, 2007

**Rupam Sharma**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/BADN9FA27FXP>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-3a76ef39-83bb-45cb-8930-3e66891d1e1e

Certificate url: [udemy.com/UC-3a76ef39-83bb-45cb-8930-3e66891d1e1e](https://udemy.com/UC-3a76ef39-83bb-45cb-8930-3e66891d1e1e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Neural Networks in Python: Deep Learning for Beginners

Instructors **Start-Tech Academy**

**rupam sharma**

Date **May 17, 2023**

Length **9.5 total hours**



Certificate no: UC-6058fcd9-ce1d-4859-a39c-2fa10361cb8f  
Certificate url: [ude.my/UC-6058fcd9-ce1d-4859-a39c-2fa10361cb8f](https://udemy.com/certificate/UC-6058fcd9-ce1d-4859-a39c-2fa10361cb8f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors **Horizon Tech**

**rupam sharma**

Date **May 21, 2023**

Length **13 total hours**



Certificate no: UC-9df4b185-7dd0-4a87-850b-a20a6a7ea0ec  
Certificate url: [ude.my/UC-9df4b185-7dd0-4a87-850b-a20a6a7ea0ec](https://ude.my/UC-9df4b185-7dd0-4a87-850b-a20a6a7ea0ec)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python For Data Engineering 2023 Edition

Instructors **Aviral Bhardwaj**

**rupam sharma**

Date **May 23, 2023**

Length **9.5 total hours**





Certificate no: UC-3e1e341f-94a7-423a-be82-c2e48b5dead9

Certificate url: [ude.my/UC-3e1e341f-94a7-423a-be82-c2e48b5dead9](https://udemy.com/certificate/UC-3e1e341f-94a7-423a-be82-c2e48b5dead9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Complete Course 2022

Instructors **Horizon Tech**

**rupam sharma**

Date **May 28, 2023**

Length **11.5 total hours**



# Certificate

We certify that Taniya Majumder  
has completed the following courses on our platform:



English listening practice by English with Lucy

08 hours 06 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Taniya Majumder

u4307831

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

## Statement of participation

# Taniya Majumder

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 9 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE:** ETHICS\_1



## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good, bad, right or wrong?*

#### Section 2

*It's not all Orsini to me!*

#### Section 3

*Relationships, emotions and ethics*

#### Section 4

*Ethics everywhere!*

#### Section 5

*Landscape with Weapon an allegory.*

#### Section 6

*Conclusion*

#### Section 7

*Summary*





Certificate no: UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34

Certificate url: [ude.my/UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34](https://ude.my/UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

**Taniya Majumder**

Date **May 13, 2024**

Length **16 total hours**



Certificate no: UC-ca75feb1-4b65-411f-aa17-afb5d32cdd28

Certificate url: [ude.my/UC-ca75feb1-4b65-411f-aa17-afb5d32cdd28](https://ude.my/UC-ca75feb1-4b65-411f-aa17-afb5d32cdd28)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Time Series Analysis and Forecasting using Python

Instructors **Start-Tech Academy**

## Akansha Saha

Date **May 29, 2024**

Length **13.5 total hours**

# Yale

May 23, 2024

**Akansha Saha**

has successfully completed

**Introduction to Psychology**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WBE8SV6P2QR8>

Coursera has confirmed the identity of this individual and their participation in the course



Certificate no: UC-6d806a7e-6353-47cc-8e16-ed4668c11828

Certificate url: [ude.my/UC-6d806a7e-6353-47cc-8e16-ed4668c11828](https://ude.my/UC-6d806a7e-6353-47cc-8e16-ed4668c11828)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# iOS, Swift & SwiftUI - Complete iOS App Development

Instructors **ROLAN MARAT**

## Akansha Saha

Date **May 29, 2024**

Length **21 total hours**





Certificate no: UC-9104f7a7-c948-4a63-862b-e4de87abef49

Certificate url: [ude.my/UC-9104f7a7-c948-4a63-862b-e4de87abef49](https://ude.my/UC-9104f7a7-c948-4a63-862b-e4de87abef49)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# IELTS Band 8: IELTS Listening Mastery | IELTS Tenses

Instructors **Jackson Kailath**

## Akansha Saha

Date **May 29, 2024**

Length **24.5 total hours**

# M UNIVERSITY OF MICHIGAN

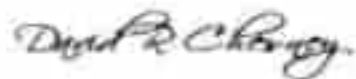
May 15, 2024

Akansha Saha

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Department of Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/85PD4G3O485A>

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# ISB

Jul 18, 2023

## Saklin Sk

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh PhD  
Executive School of Business  
Indian School of Business

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/T52XYG2RvR66](https://coursera.org/verify/T52XYG2RvR66)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

Jul 4, 2021

**Saklin Sk**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacLennan, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/LkLTk8YWSE96](https://coursera.org/verify/LkLTk8YWSE96)

Coursera has certified the identity of this individual and their  
participation in the course.





# Georgia Institute of Technology

August 2020

**Saklin Sk**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/PEASCX2HLSjD](https://coursera.org/verify/PEASCX2HLSjD)

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Jul 18, 2023

**Saklin Sk**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9SHYF8HUPNAB](https://coursera.org/verify/9SHYF8HUPNAB)  
Coursera has certified the identity of this individual and their participation in the course.



Jul 18, 2021

**Saklin Sk**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Andrew D. Wilson".

Andrew D. Wilson | Deborah M. Lipp | Anne Vixey  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/XV3N7R4VLR86](https://coursera.org/verify/XV3N7R4VLR86)

Coursera has confirmed the identity of this individual and their participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jul 17, 2022

Saklin Sk

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Anna Lee Pomeroy  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/NKJ55UKQ5W4](https://coursera.org/verify/NKJ55UKQ5W4)

Coursera has verified the identity of this individual and their participation in the course.



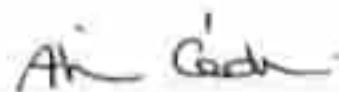
Jan 30, 2022

**Saklin Sk**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Puzosinski, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Mechanical and Industrial

Verify at:  
<https://coursera.org/verify/KP55SRW2VXP>

Coursera has confirmed the identity of this individual and their  
participation in the course



Certificate no: UC-566f3e93-b07a-4379-b372-ff3210b8c177

Certificate url: [ude.my/UC-566f3e93-b07a-4379-b372-ff3210b8c177](https://ude.my/UC-566f3e93-b07a-4379-b372-ff3210b8c177)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ MASTERY Course – Build Extraordinary Apps (Step-by- step)

Instructors **Prerak Mehta**

**Saklin Sk**

Date **June 6, 2022**

Length **18 total hours**



Certificate ID: UC-00000000-0000-4040-8004-000000000000  
Certificate URL: <https://www.udacity.com/certificate/00000000-0000-4040-8004-000000000000>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors: **Hemanth kumar**

**Saklin Sk**

Date: **Jan. 25, 2023**

Length: **45.5 total hours**

# Saklin Sk

**Certificate of Completion for**

**AWS Academy Graduate - AWS Academy Cloud Foundations**

**Course hours completed**

20 hours

**Issued on**

01/14/2023

**Digital badge**

<https://www.credly.com/go/4JpAN51c>





Certificate no: UC-00ba8d04-93a9-4f51-8ebc-612c10a758d8

Certificate url: [ude.my/UC-00ba8d04-93a9-4f51-8ebc-612c10a758d8](https://ude.my/UC-00ba8d04-93a9-4f51-8ebc-612c10a758d8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Anushka Biswas

Date **May 6, 2024**

Length **17 total hours**



Certificate no: UC-32a8ec0f-e82f-41f6-bdd1-2d8c8eb4409a

Certificate url: [ude.my/UC-32a8ec0f-e82f-41f6-bdd1-2d8c8eb4409a](https://ude.my/UC-32a8ec0f-e82f-41f6-bdd1-2d8c8eb4409a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Anushka Biswas

Date **April 29, 2024**

Length **77 total hours**



Certificate no: UC-b4e6f0ee-7fbc-4108-9c5f-ecf23a40cfcb

Certificate url: [ude.my/UC-b4e6f0ee-7fbc-4108-9c5f-ecf23a40cfcb](https://ude.my/UC-b4e6f0ee-7fbc-4108-9c5f-ecf23a40cfcb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Artificial Intelligence (AI) for Professionals

Instructors **Debayan Dey**

**Anushka Biswas**

Date **May 11, 2024**

Length **7.5 total hours**



**Georgia Institute**  
**of Technology**

**COURSE  
CERTIFICATE**

Dec 18, 2022

**RUPOSREE DE**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.



Cindy Lawson  
Sachems  
20 Language Institute

Verify at [coursera.org/verify/12WJ26J8P6K2T](https://coursera.org/verify/12WJ26J8P6K2T)

Coursera has confirmed the identity of this individual and their  
participation in the course.



# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Anup Kumar Singh  
Data Scientist  
IBM



Verified Certificate  
Issued January 25, 2021

Valid Certificate ID  
[E27c8010c3d314e00000000000000000](https://www.ibm.com/learning/certificates/001)



THE UNIVERSITY  
*of* EDINBURGH



COURSE  
CERTIFICATE

Jun 26, 2011

**RUPOSREE DE**

has successfully completed

**Code Yourself! An Introduction to Programming**

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera.



Dr. Alan Morrison  
School of Informatics  
The University of Edinburgh

Dr. Juan Rivoldi  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/RSJ5SR3C2H8](https://coursera.org/verify/RSJ5SR3C2H8)

Coursera has confirmed the identity of this individual and their participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jun 23, 2021

**RUPOSREE DE**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Ana Luz Fortovanski  
Director, Center for Biodiversity and Conservation  
American Museum of Natural History



Jan. 19, 2024

**RUPOSREE DE**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajiv C. Raghuraman*

Rajiv C. Raghuraman, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/99882554LEB53](https://coursera.org/verify/99882554LEB53)

Coursera has verified the identity of this individual and their participation in the course.





THE UNIVERSITY  
of EDINBURGH

COURSE  
CERTIFICATE

Oct 19, 2019

**RUPOSREE DE**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera



*Prof. David Gauthier*  
*Prof. John L. Holbo*

David Gauthier, John L. Holbo, David Gauthier, John L. Holbo, David Gauthier, John L. Holbo  
Department of Philosophy  
University of Edinburgh

Verify at [coursera.org/verify/LE3D7PF60R3Z](https://coursera.org/verify/LE3D7PF60R3Z)

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read "Clyde Simpson".

Clyde Simpson

SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued October 15, 2021

Valid Certificate ID  
b0e365b38b7c488e6d72a678ad10f71

# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**STAT110x: Introduction to Probability**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Joseph A. Whitworth  
Professor of the Practice in Statistics  
Harvard University



Verified Certificate  
Issued October 23, 2021

Valid Certificate ID  
20272ed1cc4dca6d5e091612be0025

# Verified Certificate



Technische Universität München

This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**QPLS1x: Six Sigma: Define and Measure**

a course of study offered by TUMx, an online learning initiative  
of Technical University of Munich.

Martin Gruber

Professor of Production and Supply Chain Management  
Technische Universität München

Julia De

Senior Lecturer Technische Universität München  
Professor of Engineering and Business  
Hochschule der Bayerischen Wirtschaft



Verified Certificate  
Issued October 18, 2021

Valid Certificate ID  
04c104bf2ed645173b0eef8bedaf0c81e



# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online learning  
initiative of University of Washington.



*Dr. Barbara Enders-Piper*

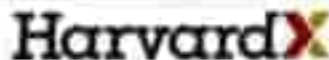
Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
*University of Washington Center of Academic Excellence*



Verified Certificate  
Issued October 22, 2021

Valid Certificate ID  
[0000079224444475400147090013edX](#)

# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
Initiative of Harvard University.



Gregory B. Aring

Gregory B. Aring Research Professor of Educational Leadership  
Harvard University



Verified Certificate  
Issued October 18, 2021

Valid Certificate ID  
[3c87a733055341eab70a6190786d87f1](https://ed.org/cert/3c87a733055341eab70a6190786d87f1)

# Verified Certificate

**IBM**

This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

## **CAD201EN: Developing Cloud Native Applications**

a course of study offered by IBM, an online learning  
initiative of IBM.

  
Dipak Laksh  
Senior Software Engineer  
IBM

Verified Certificate  
Issued July 10, 2022

Valid Certificate ID  
[7015890202942c084172c811dc3eeed](https://courses.edx.org/certificates/7015890202942c084172c811dc3eeed)

# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.

AI and Data Science Program Director

IBM



Verified Certificate  
Issued July 10, 2021

Valid Certificate ID  
809e4282a0f18520e385cac18e848eb7



# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Dipa Inamdar'.

**Dipa Inamdar**  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 29, 2023

Valid Certificate ID  
[6229c087815567baa531112557bd0810](https://edx.org/certificate/valid/6229c087815567baa531112557bd0810)



# CERTIFICATE OF COMPLETION



This certificate certify that

*RUPOSREE DE*

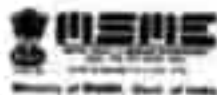
Has Successfully Completed the Certification Program in  
Google Flutter & Dart  
offered by The Digital Adda

03/29/2023

CERTIFICATION  
DATE

A handwritten signature in black ink, appearing to read 'V. N. Nagar'.

FOUNDER & CEO



DA/GFD/23/1911

CERTIFICATION  
ID

# Verified Certificate



This is to certify that

**Ruposree De**

successfully completed and received a passing grade in

**LFS167x: Introduction to Jenkins**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Steve Kasper'.

Steve Kasper

VVP and General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued October 24, 2021

Valid Certificate ID  
[021777b0b-0008-4e17-ba00-000000000000](https://www.edx.org/verified-certificates/verified-certificates.html)

# Verified Certificate

This is to certify that

**Souvick Chandra**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 21, 2021

Valid Certificate ID:  
6a7f6e96c444b78b49c24207c2a0b6

Joseph Santarangelo

Global Director

IBM

Activate Win





THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

27 Jun 2021

Souvik Chandra

has successfully completed

Code Yourself! An Introduction to Programming

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Amit Menzies  
School of Informatics  
The University of Edinburgh

Dr. Luis Barak  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/FDQ6XPELKYK0](https://coursera.org/verify/FDQ6XPELKYK0)

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

Jan 12, 2021

**Souvik Chandra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/25GGY6N052HM](https://coursera.org/verify/25GGY6N052HM)

Coursera has confirmed the identity of this individual and their participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jan 26, 2022

**Souvik Chandra**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Amy Lee Pomeroy  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/FUREW28LU986](https://coursera.org/verify/FUREW28LU986)

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-726c6f1b-6501-44c6-b236-85c9462350ff

Certificate url: [ude.my/UC-726c6f1b-6501-44c6-b236-85c9462350ff](https://ude.my/UC-726c6f1b-6501-44c6-b236-85c9462350ff)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Web Development Course - Build 15 Projects

Instructors **Development Island (UK)**

## Souvik Chandra

Date **May 12, 2023**

Length **99.5 total hours**





Certificate no: UC-d300ea39-4a5d-49af-8859-75be22621780

Certificate url: [ude.my/UC-d300ea39-4a5d-49af-8859-75be22621780](https://ude.my/UC-d300ea39-4a5d-49af-8859-75be22621780)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Souvik Chandra

Date **May 8, 2023**

Length **17 total hours**



Certificate no: UC-6b05c16a-9c18-4bdb-ac7d-1bcf79a45f37

Certificate url: [ude.my/UC-6b05c16a-9c18-4bdb-ac7d-1bcf79a45f37](https://ude.my/UC-6b05c16a-9c18-4bdb-ac7d-1bcf79a45f37)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Souvik Chandra

Date **July 22, 2021**

Length **35 total hours**



Certificate no: UC-9ea95bfa-8e86-4563-ad3f-0a96aac8543e

Certificate url: [udemy.com/certificate/UC-9ea95bfa-8e86-4563-ad3f-0a96aac8543e](https://udemy.com/certificate/UC-9ea95bfa-8e86-4563-ad3f-0a96aac8543e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

**Adrish Pal**

Date **May 11, 2023**

Length **12 total hours**





Certificate no: UC-e8e35ba4-ca94-4246-9772-dc6c4a729e36  
Certificate url: [ude.my/UC-e8e35ba4-ca94-4246-9772-dc6c4a729e36](https://ude.my/UC-e8e35ba4-ca94-4246-9772-dc6c4a729e36)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

**Adrish Pal**

Date **May 10, 2023**

Length **8 total hours**





Certificate no: UC-f4c0f75b-7c48-4b39-9379-d2122d37e175

Certificate url: [ude.my/UC-f4c0f75b-7c48-4b39-9379-d2122d37e175](https://ude.my/UC-f4c0f75b-7c48-4b39-9379-d2122d37e175)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

**Adrish Pal**

Date **May 17, 2023**

Length **12.5 total hours**



Certificate no: UC-17b0efdf-d294-48c8-b1b4-bd0e63179e8b

Certificate url: [ude.my/UC-17b0efdf-d294-48c8-b1b4-bd0e63179e8b](https://udemy.com/certificate/UC-17b0efdf-d294-48c8-b1b4-bd0e63179e8b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

**Adrish Pal**

Date **May 19, 2023**

Length **24 total hours**



Certificate no: UC-55d71b6d-6e93-4646-9bfa-eb5324c110a4

Certificate url: [ude.my/UC-55d71b6d-6e93-4646-9bfa-eb5324c110a4](https://ude.my/UC-55d71b6d-6e93-4646-9bfa-eb5324c110a4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors **Anton Voroniuk**

**Adrish Pal**

Date **May 11, 2023**

Length **20 total hours**



Certificate no: UC-7a1921be-6594-493e-90ac-e81e6dd914be

Certificate url: [ude.my/UC-7a1921be-6594-493e-90ac-e81e6dd914be](https://ude.my/UC-7a1921be-6594-493e-90ac-e81e6dd914be)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 30 HTML CSS & JavaScript Projects A Beginner's Guide to JS

Instructors **Vijay Kumar**

**Adrish Pal**

Date **May 4, 2024**

Length **16 total hours**





Certificate no: UC-6e66c630-402e-4318-bf6c-58832f690614  
Certificate url: [ude.my/UC-6e66c630-402e-4318-bf6c-58832f690614](https://ude.my/UC-6e66c630-402e-4318-bf6c-58832f690614)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

**Adrish Pal**

Date **May 4, 2024**

Length **12 total hours**



Certificate no: UC-eafacffb-2a0e-453b-b97d-88c3161235a7

Certificate url: [ude.my/UC-eafacffb-2a0e-453b-b97d-88c3161235a7](https://ude.my/UC-eafacffb-2a0e-453b-b97d-88c3161235a7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Writing Course: Develop True Writing Mastery

Instructors **TJ Walker, Derek Smith, Media Training Worldwide Digital**

**Adrish Pal**

Date **June 24, 2023**

Length **16 total hours**



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Udemy Inc. 2023. All rights reserved. [Terms and Conditions](#)  
Reference ID: 12345

CERTIFICATE OF COMPLETION

# Open AI's Generative Pre-trained Transformer 3 (GPT3)

Instructor: Avinash A

**Soumojit Joarddar**

Date: May 14, 2023

Length: 8 total hours



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Certificate generated by Udacity on 05/15/2023 at 10:00 AM EDT  
Certificate ID: 123456789

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructor: Morgan Page

**Soumojit Joarddar**

Date: May 15, 2023

Length: 8.5 total hours



Udemy

Udemy is a leading provider of online courses and digital content. It offers a wide range of courses in various fields, including technology, business, and personal development. The platform is known for its user-friendly interface and high-quality content.

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

PROFESSOR, PROPHET DOT INSTITUTE

**Soumojit Joarddar**

Date: May 14, 2022  
Length: 30 total hours



Udemy, Inc. 2200 Central Expressway, Suite 500, San Jose, CA 95128  
© 2023 Udemy, Inc. All rights reserved. [Privacy Policy](#)  
Udacity, Inc. 2000 California Street, Suite 400, Berkeley, CA 94704

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructor: Will Perez

**Soumojit Joarddar**

Date: May 14, 2023

Length: 16.5 total hours





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAJDEEP CHAKRABORTY**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **75** %

Online Assignments	24.03/25	Proctored Exam	50.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S657300057

To verify the certificate



No. of credits recommended: 3 or 4





**4TU** Centre for Ethics  
and Technology

May 9, 2024

**RAJDEEP CHAKRABORTY**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lander Beylaker  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/278W92G1P8V8>

Coursera has validated the identity of this individual and their  
participation in the course





Certificate no: UC-d079fa4a-0c06-4492-9de6-220628708cfc  
Certificate url: [ude.my/UC-d079fa4a-0c06-4492-9de6-220628708cfc](https://ude.my/UC-d079fa4a-0c06-4492-9de6-220628708cfc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## **Rajdeep Chakraborty**

Date **Dec. 31, 2023**

Length **77 total hours**



07-May-2023

**BISHAL BHUINYA**

has successfully completed

**Learn to Program: The Fundamentals**

an online non-credit course authorized by University of Toronto and offered through  
Coursera

Jennifer Campbell  
Department of Computer Science  
Faculty of Arts and Science  
University of Toronto

Paul Criss  
Professor, Teaching Stream  
Department of Computer Science  
Faculty of Arts and Science  
University of Toronto

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/WXW8NFV63UVT>

Coursera has authorized the identity of this individual and their participation in the course.



05-May-2023

**BISHAL BHUINYA**

has successfully completed with honors

**Java Programming: Solving Problems with Software**

an online non-credit course authorized by Duke University and offered through Coursera

Susan R. Subym, Devin J. Strachan, Andrew D. Wilson, Robert Davall

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/DBD1W024K7H>

Coursera has confirmed the identity of this individual and their participation in the course



THE UNIVERSITY  
of EDINBURGH

02-Apr-2023

**BISHAL BHUINYA**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Pritchard, Gillian Lewis, Matthew Crumey, Allan Waters, Michael Manning, Alexander Richmond  
Departments of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UECE713PFWV>

Coursera has confirmed the identity of this individual and their participation in the course.





01-Apr-2023

**BISHAL BHUINYA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshi*

Rajivpal Rajhanshi, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/I2SRBU2HAC20>

Coursera has validated the identity of this individual and their  
participation in the course



# Georgia Institute of Technology

CS-5890-001

**BISHAL BHUINYA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2824VAC677>

Coursera has validated the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Jui Chakraborty**

Date **May 21, 2024**

Length **77 total hours**



Certificate No. UC 902889 834 457 944 2776466336  
Certificate URL: <https://www.udacity.com/certificate/UC-902889-834-457-944-2776466336>  
Reference Number: 5204

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors **Dr. Angela Yu**

**Jui Chakraborty**

Date **May 21, 2024**

Length **58.5 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ARPITA ROY**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	17.88/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415A3870059

To validate the certificate



No. of credits recommended: 2 or 3



**4TU** Centre for Ethics  
and Technology

May 9, 2023

**Arpita Roy**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens", written over a horizontal line.

Lucille Roelkens  
Alumnus Evolving  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ETXXXXRIWVY>

Coursera has confirmed the identity of this individual and their  
participation in the course



# Georgia Institute of Technology

Apr 25, 2023

**Arpita Roy**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/T35E95UVCB2F>

Coursera has validated the identity of the individual and their participation in the course.



Certificate no: UC-034a896b-53a6-4e4d-bca1-97c062dee6f8

Certificate url: [ude.my/UC-034a896b-53a6-4e4d-bca1-97c062dee6f8](https://ude.my/UC-034a896b-53a6-4e4d-bca1-97c062dee6f8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Arpita Roy

Date **May 24, 2023**

Length **12 total hours**





Certificate no: UC-78aaecf1-cb41-4c56-8524-22b134b26921

Certificate url: [ude.my/UC-78aaecf1-cb41-4c56-8524-22b134b26921](https://ude.my/UC-78aaecf1-cb41-4c56-8524-22b134b26921)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

**Arpita Roy**

Date **May 26, 2023**

Length **10.5 total hours**



Certificate no: UC-8162f084-41d7-4835-b8e3-cf8b3c5b5a9c

Certificate url: [ude.my/UC-8162f084-41d7-4835-b8e3-cf8b3c5b5a9c](https://udemy.com/certificate/UC-8162f084-41d7-4835-b8e3-cf8b3c5b5a9c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Arpita Roy**

Date **May 9, 2023**

Length **8 total hours**



May 2, 2021

**Arkojyoti Bhattacharya**

has successfully completed

**Python and Statistics for Financial Analysis**

an online course offered by The Hong Kong University of Science and Technology and a part of Coursera

A handwritten signature in black ink, appearing to read 'Arkojyoti Bhattacharya', written over a horizontal line.

Arkojyoti Bhattacharya  
Associate Professor  
Department of Electronic Systems, Computer Science and Engineering Management

**COURSE  
CERTIFICATE**



Verify at:

<https://www.coursera.org/verify/077064382630>

This certificate verifies that the individual named here completed the course.

**Duke**  
UNIVERSITY

May 6, 2012

**Arkojyoti Bhattacharya**

has successfully completed

**Introduction to Machine Learning**

an online non-credit course authorized by Duke University and offered through Coursera

*Benjamin S. Kaye, Director of Learning  
LARRY CASH*

Coursera ID: 123456789  
Enrollment ID: 123456789  
Expiration Date: 12/31/2012

**COURSE  
CERTIFICATE**



View this certificate at:  
<https://coursera.org/verify/123456789>

Coursera's role is to assist in the delivery of this education and does not guarantee the quality of the education.





南京大學

NANJING UNIVERSITY

May 5, 2021

Arkojyoti Bhattacharya

has successfully completed

Data Processing Using Python

as a student enrolled in the course instructed by Nanjing University and offered through Coursera

ZHANG Li

Student ID:  
12345678901234567890

COURSE  
CERTIFICATE



Verify at:  
<https://www.coursera.org/verify/certificate/12345678901234567890>

This certificate has been generated using the Coursera system and is not  
valid unless it is verified on the system.

# **M** UNIVERSITY OF MICHIGAN

May 12, 2015

**Arkojyoti Bhattacharya**

has successfully completed

**Applied Machine Learning in Python**

an online non-credit course authorized by the University of Michigan and offered through  
Coursera

*KCT*

Kenneth C. Tsui  
Associate Professor  
Department of Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



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[www.coursera.org/verify/COURSE/CERTIFICATE](http://www.coursera.org/verify/COURSE/CERTIFICATE)

Coursera has verified the identity of the recipient and their  
eligibility to take the course.



Certificate no: UC-4884773-6549-4223-9933-Dz102644304  
Certificate url: udemy/UC-4884773-6549-4223-9933-Dz102644304  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Front End Web Development Ultimate Guide

Instructors: **Josh Werner, Learn Tecc**

**Arkojyoti Bhattacharya**

Date: **Feb. 20, 2023**

Length: **92.5 total hours**



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Udemy Inc. 2015-2023. All rights reserved.  
Udemy Inc. 2015-2023

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Arkojyoti Bhattacharya**

Date: 10 May 2023

Length: 64 total hours





Udemy is an online platform for learning  
courses in various fields. It is a leading  
education provider.

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructor - Vijay Kumar

**Arkojyoti Bhattacharya**

Date: 4 Feb 2024

Length: 40 total hours



Certificate no: UC-37a450d9-bd42-419a-ae74-7bb3841bb5a1

Certificate url: [ude.my/UC-37a450d9-bd42-419a-ae74-7bb3841bb5a1](https://udemy.com/UC-37a450d9-bd42-419a-ae74-7bb3841bb5a1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Tamal Kumar Rakshit**

Date **May 6, 2024**

Length **77 total hours**



Certificate no: UC-6a84d151-bf4a-4f19-9b1f-25ae1a68ce48

Certificate url: [ude.my/UC-6a84d151-bf4a-4f19-9b1f-25ae1a68ce48](https://ude.my/UC-6a84d151-bf4a-4f19-9b1f-25ae1a68ce48)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python for beginners

Instructors **Bharath Thippireddy**

## Tamal Kumar Rakshit

Date **May 16, 2024**

Length **15 total hours**



Certificate no: UC-893d0ea4-d9da-42ef-aa5a-85f40b4676ab

Certificate url: [ude.my/UC-893d0ea4-d9da-42ef-aa5a-85f40b4676ab](https://ude.my/UC-893d0ea4-d9da-42ef-aa5a-85f40b4676ab)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations

Instructors **OZIS Academy**

**Tamal Kumar Rakshit**

Date **May 17, 2024**

Length **21.5 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DEBANKITA PANJA**

for successfully completing the course  
**Ethics in Engineering Practice**

with a consolidated score of **55** %

Online Assignments	17.5/25	Proctored Exam	37.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

(8 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL24MG17S659701137

To verify the certificate



No. of credits recommended: 2 or 3



Certificate no: UC-050c5e3e-7b64-492f-9169-681066a1d270  
Certificate url: ude.my/UC-050c5e3e-7b64-492f-9169-681066a1d270  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: Logus Academy

**Debankita panja**

Date: May 6, 2024

Length: 77 total hours



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DEBANKITA PANJA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **62** %

Online Assignments	24.03/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

**Prof. Devendra Jalihal**  
Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**  
(12 week course)

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL24CS57S559700392

To verify the certificate



No. of credits recommended: 3 or 4



DARDEN SCHOOL  
of BUSINESS

April 20, 2023

# Coursera Learner

has successfully completed

## Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Cecilia*

Mary Cecilia  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/0BH5OCFFPW>

Coursera has confirmed the identity of this individual and their participation in the course.





# RICE UNIVERSITY

COURSE  
CERTIFICATE

May 9, 2007

## Tramboknath Bhattacharyya

has successfully completed

### Interpersonal Communication for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera.



Jaya Mohan  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Anurag Gupta  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/RICe3EDCMH8MO>

Coursera has authorized the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Apr 22, 2023

## Coursera Learner

has successfully completed

### Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/D9Gw323v2v8>

Coursera has verified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

Apr 15, 2023

## Coursera Learner

has successfully completed

### Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/v16ZET9CvdCB8>

Coursera has authorized the identity of this individual and their participation in the course



07-May-2023

**BISHAL BHUINYA**

has successfully completed

**Learn to Program: The Fundamentals**

an online non-credit course authorized by University of Toronto and offered through  
Coursera

Jennifer Campbell  
Department of Computer Science  
Faculty of Arts and Science  
University of Toronto

Paul Criss  
Professor, Teaching Stream  
Department of Computer Science  
Faculty of Arts and Science  
University of Toronto

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/WXW8NFV63UVT>

Coursera has authorized the identity of this individual and their participation in the course.





05-May-2023

**BISHAL BHUINYA**

has successfully completed with honors

**Java Programming: Solving Problems with Software**

an online non-credit course authorized by Duke University and offered through Coursera

Susan R. Subyn, Devin J. Strachan, Andrew D. Wilson, Robert Davall

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/DBD1W024K7H>

Coursera has confirmed the identity of this individual and their participation in the course



THE UNIVERSITY  
of EDINBURGH

02-Apr-2023

**BISHAL BHUINYA**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Pritchard, Gillin Lewis, Matthew Crumey, Allan Waters, Michael Manning, Alexander Richmond  
Departments of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UECE713PFWV>

Coursera has confirmed the identity of this individual and their participation in the course.



04-Apr-2023

**BISHAL BHUINYA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshi*

Rajivpal Rajhanshi, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/I2SRAU2HAC2O>

Coursera has validated the identity of this individual and their  
participation in the course



# Georgia Institute of Technology

02-May-2023

**BISHAL BHUINYA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2824VAC67V7>

Coursera has validated the identity of this individual and their participation in the course.



नामांकन सं. / Enrolment No. : 20221001557104

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SUBHAM DAS**

को " मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

**AWARDED TO**

**MR. SUBHAM DAS**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

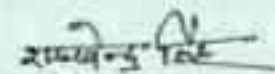
Date: 27-07-2022

Place: Dehradun

UID: 97562ba465219f6f15be4a3509357f. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक / Director  
आई.आई.आर.एस. देहरादून / IIRS, Dehradun



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for the Completion of C Training

This is to certify that **SUBHAM DAS** has successfully completed **C** test organized at **Hooghly Engineering & Technology College** by **SUBHOJIT MALIK** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Manish Kumar Singh** from **Hooghly Engineering & Technology College** invigilated this examination.

This training is offered by the Spoken Tutorial Project, IIT Bombay.

**Credits: 2 Score: 57.50%**

June 3rd 2022

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

**Prof. Kannan M Moudgalya**  
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



Certificate no: UC-21f750fa-9074-44a7-9c8c-b2673f52ebbe

Certificate url: [ude.my/UC-21f750fa-9074-44a7-9c8c-b2673f52ebbe](https://ude.my/UC-21f750fa-9074-44a7-9c8c-b2673f52ebbe)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Subham Das

Date **Feb. 7, 2023**

Length **64 total hours**





Certificate no: UC-27f5892e-d7df-48bc-b488-3741617ccc5d

Certificate url: [ude.my/UC-27f5892e-d7df-48bc-b488-3741617ccc5d](https://ude.my/UC-27f5892e-d7df-48bc-b488-3741617ccc5d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## Subham Das

Date **May 12, 2022**

Length **25 total hours**





Certificate no: UC-6644829c-14ba-4072-a8f5-a2f806e00e19  
Certificate url: [ude.my/UC-6644829c-14ba-4072-a8f5-a2f806e00e19](https://ude.my/UC-6644829c-14ba-4072-a8f5-a2f806e00e19)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Subham Das**

Date **Jan. 9, 2024**

Length **128.5 total hours**



Certificate no: UC-ec453505-de1a-47ad-b767-85028f561175

Certificate url: [ude.my/UC-ec453505-de1a-47ad-b767-85028f561175](https://udemy.com/certificate/UC-ec453505-de1a-47ad-b767-85028f561175)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Governmental Accounting 100

Instructors **Robert (Bob) Steele**

**Subham Das**

Date **May 18, 2022**

Length **18 total hours**



Certificate no: UC-f06b5db5-174e-46d4-9f9f-0d210e12e0f9  
Certificate url: [ude.my/UC-f06b5db5-174e-46d4-9f9f-0d210e12e0f9](https://ude.my/UC-f06b5db5-174e-46d4-9f9f-0d210e12e0f9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Creative Cloud Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Subham Das

Date **Jan. 6, 2023**

Length **33.5 total hours**



नामांकन सं. / Enrolment No. : 2022981524160

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SUBHAM DAS**

को " आर्टिफिशियल इंटेलिजेंस (एआई) द्वारा पृथ्वी अवलोकन (ईओ) एवं जियोडेटा हैंडलिंग व प्रोसेसिंग "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 02 मई, 2022 से 13 मई, 2022 ( कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

**AWARDED TO**

**MR. SUBHAM DAS**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing"**

THIS ONLINE COURSE WAS CONDUCTED DURING **02-05-2022 to 13-05-2022** ( Total course duration was = 10 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

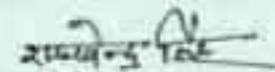
Date: 24-05-2022

Place: Dehradun

UID: 8990fa795c8d367a012536c5edcd94c5 : This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun







Udemy Inc. 2023  
Certificate of Completion  
February 23, 2023

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATKO, Andrii Platakha**

**Doly Mondal**

Date: **Feb. 23, 2023**

Length: **8.5 total hours**



Completion of this educational activity is not a warranty, endorsement, or approval of standard of excellence by Udemy, Inc. or its affiliates. All rights reserved. February 2023

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors: Horizon Tech

**Doly Mondal**

Date: Feb. 26, 2023

Length: 8 total hours



Certificate ID: 2044284-2023-1001-1001-1001-1001  
Certificate of Completion for the course: Hands-On React JS Frontend  
Reference Number: 1001

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors: Nick Ovchinnikov

**Doly Mondal**

Date: Feb. 27, 2023

Length: 17.5 total hours







Certificate ID: 4422264-1401-408-1401-1401-1401  
Certificate URL: https://www.udacity.com/certificate/4422264-1401-408-1401-1401-1401  
Issued on: 2023

CERTIFICATE OF COMPLETION

# 2023 Employee CyberSecurity Awareness First Line of Defense

Instructors: CyberProStudy Ltd.

**Doly Mondal**

Date: May 30, 2023

Length: 8 total hours



Certificate No. UC-CERT00000000-0000-0000-0000-000000000000  
Certificate ID: UC-CERT00000000-0000-0000-0000-000000000000  
Certificate Number: 0000

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors: YouAccel Training

**Doly Mondal**

Date: May 30, 2023

Length: 8 total hours



Certificate no: UC-e3a75530-1f2b-4301-95ff-6fabd0523fe5

Certificate url: [ude.my/UC-e3a75530-1f2b-4301-95ff-6fabd0523fe5](https://ude.my/UC-e3a75530-1f2b-4301-95ff-6fabd0523fe5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Python for Machine Learning: A Step-by-Step Guide

Instructors **Laxmi Kant | KGP Talkie**

**SAYAN GHOSH**

Date **May 15, 2023**

Length **32 total hours**





Certificate no: UC-e8248441-0ab9-44fe-8d20-b352542a8ee3

Certificate url: [ude.my/UC-e8248441-0ab9-44fe-8d20-b352542a8ee3](https://udemy.com/UC-e8248441-0ab9-44fe-8d20-b352542a8ee3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## **SAYAN GHOSH**

Date **May 12, 2023**

Length **8 total hours**



Certificate no: UC-a6b15864-ad6d-4456-942a-c58152ca8ad5

Certificate url: [udemy.com/UC-a6b15864-ad6d-4456-942a-c58152ca8ad5](https://udemy.com/UC-a6b15864-ad6d-4456-942a-c58152ca8ad5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Data Analysis using Wavelets and Machine Learning

Instructors **Emanuele Pesaresi**

**SAYAN GHOSH**

Date **May 10, 2023**

Length **10 total hours**

# M UNIVERSITY OF MICHIGAN

Apr 2, 2023

Ayush Choudhary

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/880-QAT8vR5vE>

Coursera has verified the identity of this individual and their participation in the course



DARDEN SCHOOL  
of BUSINESS

April 20, 2023

**Ayush Choudhary**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Course Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EA2UH687MH8D>

Coursera has confirmed the identity of this individual and their participation in the course.





# Virtual Internship Completion Certificate

This is to certify that

**Ayush Choudhary**

**Hooghly Engineering & Technology College**

has successfully completed 10 weeks

**AWS Cloud Virtual Internship**

during December 2022 - February 2023

Supported By  **aws** academy



**Shri Buddha Chandrasekhar**  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE



**Dr. Satya Ranjan Biswal**  
Chief Technology Officer (CTO)  
EduSkills





# Georgia Institute of Technology

May 6, 2007

**Ayush Choudhary**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<http://coursera.org/verify/INOGHT26nyx2>

Coursera has validated the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

May 23, 2022

Jai Prakash Shah

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Doreen Fitzthum, Galia Lovell, Matthew Orman, Allan Walker, Michael Manning, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/047200AP42R>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 23, 2022

Jai Prakash Shah

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/6A7T8H6X/MAD>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

May 23, 2022

**Jai Prakash Shah**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*May C. Gentile*

May C. Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UBKX31A7KX8>

Coursera has confirmed the identity of this individual and their participation in the course.



# VANDERBILT UNIVERSITY

May 23, 2022

**Jai Prakash Shah**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

COURSE  
CERTIFICATE



Alan Laddenti, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Puzosinski, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Industry

Verify at:  
<https://coursera.org/verify/1058183hfML9>

Coursera has validated the identity of this individual and their participation in the course.

# Yale

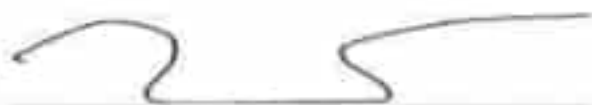
May 5, 2023

## Jai Prakash Shah

has successfully completed

### The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

COURSE  
CERTIFICATE



Verify at:  
[coursera.org/verify/ZV98876D748E](https://coursera.org/verify/ZV98876D748E)

Coursera has confirmed the identity of this individual and their affiliation in the course.

This participant has successfully completed the Science of Well-Being with honor, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



Certificate no: UC-d36f527b-977e-4e04-a500-96aef021c1ba  
Certificate url: [ude.my/UC-d36f527b-977e-4e04-a500-96aef021c1ba](https://ude.my/UC-d36f527b-977e-4e04-a500-96aef021c1ba)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Jai Prakash Shah

Date **May 11, 2023**

Length **11 total hours**





Certificate no: UC-bf2e2844-8a07-4916-b7f6-ec3b2085fa3e

Certificate url: [ude.my/UC-bf2e2844-8a07-4916-b7f6-ec3b2085fa3e](https://udemy.com/certificate/UC-bf2e2844-8a07-4916-b7f6-ec3b2085fa3e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Jai Prakash Shah**

Date **May 11, 2023**

Length **11 total hours**



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ROHAN GAYEN**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **71** %

Online Assignments	21.06/25	Proctored Exam	50/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10672**

Prof. Devendra Jalihal

Chairman,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangam

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543961448

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ROHAN GAYEN**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	12.88/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3960618

To validate the certificate



No. of credits recommended: 2 or 3



Commission of Colleges (CCC) Accredited  
Certificate of Completion (COC) #2023-05-000000000000  
Expires August 2024

CERTIFICATE OF COMPLETION

# Business English Complete: English for Professionals

Instructors: David Morris, Andrew Offagan

**37\_ROHAN GAYEN**

Date: May 25, 2023

Length: 19 total hours





July 3, 2022

**Pratusha Pandey**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivastha*

Rajivpal Rajivastha, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/HK3HVR5KH2H1](https://coursera.org/verify/HK3HVR5KH2H1)

Coursera has verified the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
of EDINBURGH

to June 2022

**Pratusha Pandey**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacLennan, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Waters, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/UFADYVGE5A4](https://coursera.org/verify/UFADYVGE5A4)

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

March 2020

**Pratusha Pandey**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/FLRDRAGTTPLR](https://coursera.org/verify/FLRDRAGTTPLR)

Coursera has verified the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Pratusha Pandey**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Despres  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued July 7, 2021

Valid Certificate ID  
[01160ae6c5894e4086ef0e31f9674aa8](https://courses.edx.org/certificates/01160ae6c5894e4086ef0e31f9674aa8)





**Verified**  
Certificate



Anil Kulkarni  
AI and Data Science Program Director  
IBM

This is to certify that

**Pratasha Pandey**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued January 25, 2021

Valid Certificate ID  
11e2598e20c485d8e29e10a5981c832

# Verified Certificate



This is to certify that

**Pratusha Pandey**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Handwritten signature of Jerry Cooperstein in black ink.

Jerry Cooperstein, Ph. D.  
Training Program Director  
The Linux Foundation

Handwritten signature of Clyde Saperstein in black ink.

Clyde Saperstein  
General Manager, Training  
The Linux Foundation



Verified Certificate  
Issued July 18, 2021

Valid Certificate ID  
[184140c5b5424e7885837567a31be817](https://courses.edx.org/certificates/184140c5b5424e7885837567a31be817)

**Verified**  
Certificate

**Harvard**



Rafael Izquierro

Professor of Biostatistics

*Harvard T.H. Chan School of Public Health*

This is to certify that

**Pratusha Pandey**

successfully completed and received a passing grade in

**PH125.3x: Data Science: Probability**

a course of study offered by HarvardX, an online learning  
Initiative of Harvard University.



Verified Certificate  
Issued May 14, 2023

Valid Certificate ID  
[827912e810f3456a857f9b4aea568ff8](#)



**Verified**  
Certificate

**Harvard**



Rafael Lizerry

Professor of Biostatistics

*Harvard T.H. Chan School of Public Health*

This is to certify that

**Pratasha Pandey**

successfully completed and received a passing grade in

**PH125.2x: Data Science: Visualization**

a course of study offered by HarvardX, an online learning  
Initiative of Harvard University.



Verified Certificate  
Issued May 14, 2023

Valid Certificate ID  
[0fd4004f8327429e8886ab11ba644ac0](#)



# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Pratasha Pandey**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



*Dr. Barbara Endicott-Popewsky*

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
*University of Washington Center of Academic Excellence*



**Verified Certificate**

Issued June 4, 2022

**Valid Certificate ID**

[b71251a4e28c4e15805eee34c4080c95](https://courses.edx.org/certificates/b71251a4e28c4e15805eee34c4080c95)



Apr 28, 2022

**Pratusha Pandey**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:

<https://coursera.org/verify/24W38KM8G09c>

Coursera has confirmed the identity of this individual and their participation in the course.



# Verified Certificate



A handwritten signature in black ink, appearing to read "Macrom Lonerger".

Macrom Lonerger  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Pratusha Pandey**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued June 3, 2022

Valid Certificate ID  
[44c27b0d6594dfca8fca63824c1eb04](https://courses.edx.org/certificates/44c27b0d6594dfca8fca63824c1eb04)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Beepersad".

Clyde Beepersad  
SVP & General Manager, Training & Certification  
The Linux Foundation

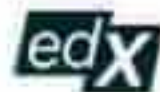
This is to certify that

**Pratusha Pandey**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 3, 2022

Valid Certificate ID  
[4d873b7f426342b39e78ca8555ce68b1](https://courses.linux.org/certificates/4d873b7f426342b39e78ca8555ce68b1)

# Verified Certificate



This is to certify that

**Pratusha Pandey**

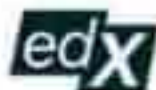
successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santacengala  
Data Scientist

IBM



Verified Certificate

Issued July 17, 2021

Valid Certificate ID

[3907c498d7cc4d90a9d35a08d5a31f4d](#)



Certificate no: UC-d437a24e-b96a-475d-8f1d-22be13be7eec

Certificate url: [ude.my/UC-d437a24e-b96a-475d-8f1d-22be13be7eec](https://udemy.com/certificate/UC-d437a24e-b96a-475d-8f1d-22be13be7eec)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master English Grammar - Advanced Level

Instructors **Dave Skypelessons**

## Debasmita Ghosh

Date **May 26, 2023**

Length **34.5 total hours**





Certificate no: UC-5e8e7b5e-e8a9-4ff1-a812-cfd1cbda63b

Certificate url: [ude.my/UC-5e8e7b5e-e8a9-4ff1-a812-cfd1cbda63b](https://udemy.com/certificate/UC-5e8e7b5e-e8a9-4ff1-a812-cfd1cbda63b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linux Bash Shell Scripting Incl. AWK, SED and 10+ Projects

Instructors **Vivek Pandit**

## Debasmita Ghosh

Date **May 25, 2023**

Length **15 total hours**



Certificate no: UC-e09bb7f0-9eb5-42f8-822f-bbab631884ca

Certificate url: [ude.my/UC-e09bb7f0-9eb5-42f8-822f-bbab631884ca](https://ude.my/UC-e09bb7f0-9eb5-42f8-822f-bbab631884ca)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

## Debasmita Ghosh

Date **May 22, 2023**

Length **21.5 total hours**



Certificate no: UC-4b63f352-4cc3-4b09-92c2-e70317d4f820

Certificate url: [ude.my/UC-4b63f352-4cc3-4b09-92c2-e70317d4f820](https://ude.my/UC-4b63f352-4cc3-4b09-92c2-e70317d4f820)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Debasmita Ghosh

Date **May 25, 2023**

Length **9.5 total hours**





Certificate no: UC-dee48a2e-7354-4708-9587-c1d92dbcd16d

Certificate url: [ude.my/UC-dee48a2e-7354-4708-9587-c1d92dbcd16d](https://udemy.com/certificate/UC-dee48a2e-7354-4708-9587-c1d92dbcd16d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors **Srinidhi Ranganathan, Saranya S**

## Rohit Prasad

Date **April 11, 2023**

Length **22 total hours**





Certificate no: UC-6eba9fd8-0eae-4d01-9988-b4bf616ead29

Certificate url: [udemy.com/UC-6eba9fd8-0eae-4d01-9988-b4bf616ead29](https://udemy.com/UC-6eba9fd8-0eae-4d01-9988-b4bf616ead29)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# React JS- Complete Guide for Frontend Web Development [2023]

Instructors **EdYoda Digital University, Qaifi Khan, Mavludin Abdulkadirov**

## Rohit Prasad

Date **April 15, 2023**

Length **22 total hours**



Certificate no: UC-973ee2a4-32fc-49d4-8922-01c86725e657

Certificate url: [ude.my/UC-973ee2a4-32fc-49d4-8922-01c86725e657](https://udemy.com/UC-973ee2a4-32fc-49d4-8922-01c86725e657)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Rohit Prasad

Date **April 12, 2023**

Length **10 total hours**



Certificate no: UC-9f6fde08-1587-46b4-a76b-527fad691a0f

Certificate url: [ude.my/UC-9f6fde08-1587-46b4-a76b-527fad691a0f](https://ude.my/UC-9f6fde08-1587-46b4-a76b-527fad691a0f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2023

Instructors **Web Coding**

## Rohit Prasad

Date **April 11, 2023**

Length **8.5 total hours**





Certificate no: UC-48856ef6-3169-45e3-ae7a-dde11aca29ed

Certificate url: [ude.my/UC-48856ef6-3169-45e3-ae7a-dde11aca29ed](https://udemy.com/certificate/UC-48856ef6-3169-45e3-ae7a-dde11aca29ed)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Rohit Prasad

Date **April 11, 2023**

Length **9.5 total hours**





Certificate no: UC-b8e96e34-74fb-4a44-9740-61f07a72674b

Certificate url: [ude.my/UC-b8e96e34-74fb-4a44-9740-61f07a72674b](https://ude.my/UC-b8e96e34-74fb-4a44-9740-61f07a72674b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: Build Complete Ecommerce Store

Instructors **Web Coding**

## Rohit Prasad

Date **April 13, 2023**

Length **10 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**TRISHIT MAJUMDAR**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **60** %

Online Assignments	21.22/25	Proctored Exam	38.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S650200098

To verify the certificate



No. of credits recommended: 3 or 4





Certificate no: UC-59915530-6ff9-4048-9dd4-fb43c64bc64e

Certificate url: [ude.my/UC-59915530-6ff9-4048-9dd4-fb43c64bc64e](https://ude.my/UC-59915530-6ff9-4048-9dd4-fb43c64bc64e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Trishit Majumdar

Date **May 6, 2024**

Length **77 total hours**

## Statement of participation

# Trishit Majumdar

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 10 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: E1H V3.1



## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsok to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everywhere

#### Section 5

Landscape with Weapon an allegory

#### Section 6

Conclusion

#### Section 7

Summary



May 10, 2024

Ankur Bhattacharya

has successfully completed

AI For Everyone

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/XWWE3COEChRM>

Coursera has confirmed the identity of this individual and their participation in the course



COURSE  
CERTIFICATE

May 11, 2024

Ankur Bhattacharya

has successfully completed

Introduction to Sustainability

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



A handwritten signature in black ink, appearing to read 'Jonathan Thomlin'.

Dr. Jonathan Thomlin  
Associate Professor  
Research Associate Professor  
School of Earth, Society and Environment  
University of Illinois

Verify at:  
<https://coursera.org/verify/BSQW5Y6A97V>

Coursera has authorized the identity of this individual and their  
participation in the course

**COURSERA**  
project  
network

Apr 5, 2014

**Ankur Bhattacharya**

has successfully completed

**Create a C Program using DevC++ to Demonstrate  
Scope**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*David Dalsveen*

David Dalsveen  
Subject Matter Expert  
Founding Learning Group

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/verify/F6FTRMAYVWVW>

Coursera has confirmed the identity of this individual and their participation in the project.





Certificate no: UC-7a2c2fce-8b7c-43b7-a38b-9db39955fd17

Certificate url: [ude.my/UC-7a2c2fce-8b7c-43b7-a38b-9db39955fd17](https://ude.my/UC-7a2c2fce-8b7c-43b7-a38b-9db39955fd17)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Rupsa Nandy**

Date **May 15, 2024**

Length **8 total hours**



Dec 24, 2023

**RUPSA NANDY**

has successfully completed

**Foundations of Cybersecurity**

an online non-credit course authorized by Google and offered through Coursera

Amanda Brumby  
Global Director of Google Career Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TNY2AHKVV63G>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 12, 2013

**RUPSA NANDY**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/D51R3647964D>

Coursera has validated the identity of this individual and their participation in the course.

# Yale

May 4, 2007

**RUPSA NANDY**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/2XKHCV5U648](https://coursera.org/verify/2XKHCV5U648)

Coursera has confirmed the identity of this individual and their  
attestation in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



# M UNIVERSITY OF MICHIGAN

8 May, 2023

RUPSA NANDY

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/EK6GhdD8KWA8>

Coursera has confirmed the identity of the individual and their participation in the course



Certificate no: UC-be087aae-dc7e-4fab-9d41-b4750e4f822a

Certificate url: [ude.my/UC-be087aae-dc7e-4fab-9d41-b4750e4f822a](https://udemy.com/certificate/UC-be087aae-dc7e-4fab-9d41-b4750e4f822a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

**Rupsa Nandy**

Date **May 15, 2024**

Length **8 total hours**



Certificate no: UC-6efb40d6-ad12-45aa-9277-c4bf2b2d2ac0

Certificate url: [ude.my/UC-6efb40d6-ad12-45aa-9277-c4bf2b2d2ac0](https://ude.my/UC-6efb40d6-ad12-45aa-9277-c4bf2b2d2ac0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Pramis Jar**

Date **June 7, 2022**

Length **8 total hours**



Certificate no: UC-1825b92d-4628-49c0-92de-0f9e754af193

Certificate url: [ude.my/UC-1825b92d-4628-49c0-92de-0f9e754af193](https://ude.my/UC-1825b92d-4628-49c0-92de-0f9e754af193)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master C++ Programming From Beginner To Advance - C++ Course

Instructors **Codaming - VeDinesh Academy**

**Pramis Jar**

Date **June 7, 2022**

Length **16.5 total hours**





Certificate no: UC-1bc3b152-9e36-4c95-8e46-5f565621a5e5

Certificate url: [ude.my/UC-1bc3b152-9e36-4c95-8e46-5f565621a5e5](https://ude.my/UC-1bc3b152-9e36-4c95-8e46-5f565621a5e5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Photography : 21 Courses in 1 [Beginner to Expert]

Instructors **Creative Online School**

## **Pramis Jar**

Date **June 7, 2022**

Length **8.5 total hours**



Certificate no: UC-c74f7581-e777-493d-88a3-f3cfa1f147ec  
Certificate uri: [ude.my/UC-c74f7581-e777-493d-88a3-f3cfa1f147ec](https://udemy.com/certificate/UC-c74f7581-e777-493d-88a3-f3cfa1f147ec)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2022

Instructors **Hemanth kumar**

**Pramis Jar**

Date **July 18, 2022**

Length **45.5 total hours**



Certificate no: UC-90a2bfdd-ca61-4bcf-8ba8-c8a2c71a9ddd  
Certificate url: [ude.my/UC-90a2bfdd-ca61-4bcf-8ba8-c8a2c71a9ddd](https://ude.my/UC-90a2bfdd-ca61-4bcf-8ba8-c8a2c71a9ddd)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Adobe Lightroom Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Pramis Jar

Date **July 20, 2022**

Length **33 total hours**





Certificate no: UC-3d43a09b-96b3-4194-a065-ce90a311a832

Certificate url: [ude.my/UC-3d43a09b-96b3-4194-a065-ce90a311a832](https://ude.my/UC-3d43a09b-96b3-4194-a065-ce90a311a832)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Archishman Saha

Date **May 13, 2024**

Length **16 total hours**





# Certificate

We certify that Archishman Saha  
has completed the following courses on our platform:



English listening practice by English with Lucy

08 hours 05 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Archishman Saha

u4307669

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

## Statement of participation

# Archishman Saha

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 13 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE:** ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good, bad, right or wrong?*

#### Section 2

*It's not all Orsini to me!*

#### Section 3

*Relationships, emotions and ethics*

#### Section 4

*Ethics everywhere!*

#### Section 5

*Landscape with Weapon an allegory.*

#### Section 6

*Conclusion*

#### Section 7

*Summary*

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650904

To  
SUBHARA SAMANTA  
SADHANI GANDAPPEKUR, SHIBPUR, HOOGHLY  
WEST BENGAL - 712409  
PIN NO: 712409



Score	Type of Certificate
40-50	Elite+Gold
75-80	Elite+Silver
40-60	Elite
65-70	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL: 3

(An additional 1 credit may be awarded if the University/Institution of the student offers relevant)



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHARA SAMANTA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **70** %

Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	20.22/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 7438

*Dr. Suresh Kumar*

Prof. Suresh Kumar  
Chairman  
Center for Computing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thompson*

Prof. Andrew Thompson  
NPTEL, Coursera  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31523650904

To validate and check scores: <https://open.ac.in/naac>





For my work,

**subhara samanta**

has successfully completed

**Write Professional Emails in English**

an online self-paced course and received a Georgia Institute of Technology and Coursera  
Average Grade of

Signature  
Name  
ID Number

COURSE  
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Georgia Institute of Technology



THE UNIVERSITY  
of EDINBURGH



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CERTIFICATE

Who we know

**Subhara Samanta**

Academic ID: 10000000000000000000

**Code Yourself! An Introduction to Programming**

Successful completion of this course is recognised by The University of Edinburgh and awarded  
ORT Professional Award (Honorary)



*Subhara Samanta*

Dr Subhara Samanta  
Senior Lecturer  
School of Informatics

*[Signature]*

Dr [Name]  
[Title]  
[Department]

Approved by:  
[https://www.coursera.org/certificate/10000000000000000000](#)  
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THE UNIVERSITY  
of EDINBURGH

Mar 20, 2022

**Subhara Samanta**

has successfully completed

**Introduction to Philosophy**

an online non-credit course endorsed by The University of Edinburgh and offered through Coursera

David Gauthier, Professor Emeritus, Philosophy Department, also known as David Gauthier, is the  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



visit us at  
<https://coursera.org/accreditation>  
Coursera has permitted the sharing of this certificate and their  
participation in the course



Presented to

**Subhara Samanta**

has successfully completed

**Machine Learning with Python**

an online self-paced course exclusively for IBM India through IBM Skills Academy  
Learning

Course ID

Score

Issued

Valid

Expires

Renewal

Remarks

Signature

Printed Name

Printed Title

Printed Date

Printed Score

Printed Course ID

Printed Issued Date

Printed Validity

Printed Renewal

Printed Remarks

Printed Signature

Printed Title

Printed Date

Printed Score

Printed Course ID

Printed Issued Date

Printed Validity

Printed Renewal

Printed Remarks

Printed Signature

Printed Title

Printed Date

Printed Score

Printed Course ID

Printed Issued Date

Printed Validity

Printed Renewal

Printed Remarks

Printed Signature

Printed Title

Printed Date

Printed Score

Printed Course ID

Printed Issued Date

Printed Validity

Printed Renewal

Printed Remarks

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COURSE  
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*Jaresh A. Jaisankar*

Head of Learning, IBM Skills Academy

IBM Skills Academy

IBM Skills Academy

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By all means

**Subhara Samanta**

Accountability (continued)

**Python and Statistics for Financial Analysis**

an online and on-campus partnership of The Hong Kong University of Science and Technology & Coursera

Signature

Date

\_\_\_\_\_

COURSE  
CERTIFICATE



4/11/21  
<https://www.coursera.org/verify>  
Please refer to the above URL for verification and  
generation of QR code



IBM

**Subhara Samanta**

IBM Skills Academy

**Python for Data Science, AI & Development**

IBM Skills Academy

Subhara Samanta

subhara.samanta@ibm.com

IBM Skills Academy

COURSE  
CERTIFICATE



IBM Skills Academy  
Python for Data Science, AI & Development  
IBM Skills Academy



Udemy is an online learning platform that provides a wide range of courses and classes. It is a leading provider of online education and has helped millions of people learn new skills and advance their careers.

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Siddhi Ranganathan, George D.

**Subhara Samanta**

Date: April 11, 2023

Length: 22 total hours



Certificate no: UC-3eb1aece-d2e5-4e2a-93f7-a99684eae40d

Certificate url: [ude.my/UC-3eb1aece-d2e5-4e2a-93f7-a99684eae40d](https://ude.my/UC-3eb1aece-d2e5-4e2a-93f7-a99684eae40d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

**Ratul Debnath**

Date **May 3, 2024**

Length **8.5 total hours**





Certificate no: UC-54bb960e-7381-4287-8c9c-b24d0170c219

Certificate url: [ude.my/UC-54bb960e-7381-4287-8c9c-b24d0170c219](https://ude.my/UC-54bb960e-7381-4287-8c9c-b24d0170c219)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors **Jackson Kailath**

**Ratul Debnath**

Date **May 3, 2024**

Length **19.5 total hours**



Certificate no: UC-998f2235-50d4-4cf6-b5ef-b064f9139886

Certificate url: [ude.my/UC-998f2235-50d4-4cf6-b5ef-b064f9139886](https://ude.my/UC-998f2235-50d4-4cf6-b5ef-b064f9139886)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

## Ratul Debnath

Date **May 3, 2024**

Length **10 total hours**



Certificate no: UC-f33e79f7-5eca-4160-a010-0fa1cb24e587

Certificate url: [uda.my/UC-f33e79f7-5eca-4160-a010-0fa1cb24e587](https://uda.my/UC-f33e79f7-5eca-4160-a010-0fa1cb24e587)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Primavera P6 Project Planning and Scheduling Masterclass

Instructors **Basharat Bhatti**

## Ratul Debnath

Date **April 23, 2024**

Length **16.5 total hours**



Certificate of Completion for **100 Days of Code: A Challenging Complete Python Pro Bootcamp**  
Awarded to **Disha Hazra** on **May 7, 2024**

CERTIFICATE OF COMPLETION

# 100 Days of Code: A Challenging Complete Python Pro Bootcamp

Instructors: Pruthviraja L.

**Disha Hazra**

Date: May 7, 2024

Length: 29 total hours





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Issued: 06/05/2024

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors: **Hussain Mustafa**, Codestars • over 2 million students worldwide!

**Disha Hazra**

Date: **May 6, 2024**

Length: **17 total hours**



Udemy, Inc. 2200 California Street, Suite 100, San Francisco, CA 94115  
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Reference Number: 1234

CERTIFICATE OF COMPLETION

# 5700+ visualized English vocabulary

Instructor: Eric Zhang

**Disha Hazra**

Date: May 6, 2024

Length: 13 total hours



**UC** | Chile

May 26, 2024

**Disha Hazra**

has successfully completed

**English for Common Interactions in the  
Workplace: Basic Level**

an online certificate course authorized by Universidad del Desarrollo Chile and  
offered through Coursera.

**COURSE  
CERTIFICATE**



\_\_\_\_\_  
Disha Hazra

\_\_\_\_\_  
Professor

Verify at:  
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Use the QR code to verify your certificate and share it with the world.



THE UNIVERSITY  
of EDINBURGH

May 21, 2014

**Disha Hazra**

has successfully completed

**Introduction to Philosophy**

an online verifiable course authorized by The University of Edinburgh and offered through Coursera

*David Curran, Head of School*  
*David Curran, Head of School*

David Curran, Head of School, School of Divinity, The University of Edinburgh, Edinburgh, Scotland  
David Curran, Head of School, School of Divinity, The University of Edinburgh, Edinburgh, Scotland

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/certificates>  
to ensure the authenticity and validity of this certificate and your participation in the course.





Certificate of completion for the course  
Statistics & Excel  
May 6, 2024

CERTIFICATE OF COMPLETION

# Statistics & Excel

Instructor: **Robert (Bob) Steele**

**Disha Hazra**

Date: **May 6, 2024**

Length: **45.5 total hours**



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Udemy Inc. 2014-2024.

CERTIFICATE OF COMPLETION

# JavaScript Projects Course Build 20 Projects in 20 Days

Instructors: **Vijay Kumar**

**Disha Hazra**

Date: **May 8, 2024**

Length: **13.5 total hours**



Apr 19, 2022

**Ankita Dey**

has successfully completed

**C++ Basics: Selection and Iteration**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ankita Dey  
Curriculum Developer  
Codio

Elise Dettrock, Ph.D.  
VP of Product  
Codio

Verify at:

<https://coursera.org/verify/23133TVRANv9>

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

Jan 19, 2022

**Ankita Dey**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Tullio Pericoli, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/MQ80P3523358](https://coursera.org/verify/MQ80P3523358)

Coursera has confirmed the identity of this individual and their  
participation in the course.



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Muneen Lohagan".

Muneen Lohagan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued March 26, 2023

Valid Certificate ID  
[be52f772f131434581638865723aeec9](https://courses.edx.org/certificates/be52f772f131434581638865723aeec9)

# Verified Certificate

This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of  
IBM.



Verified Certificate  
Issued July 23, 2021

Valid Certificate ID

5dd208dfc7b243ee884a5362d2afdfbc



Joseph Santacangela  
Data Scientist  
IBM

# Verified Certificate

This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development with  
HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning initiative of  
IBM.



Verified Certificate  
Issued July 23, 2021

Valid Certificate ID  
[1a0aa987246c44ce29f0cd14c9460e3a8](https://courses.edx.org/certificates/1a0aa987246c44ce29f0cd14c9460e3a8)



Ravi Ahuja  
AI and Data Science Program Director  
IBM

Upkar Lidder  
Senior Developer Advocate  
IBM

# Verified Certificate



This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clayton Soper  
SVP & General Manager, Training & Certification  
The Linux Foundation



**Verified Certificate**  
Issued April 19, 2022

**Valid Certificate ID**

5Dfals5fa1fa4ee9bfff54013e0c61e4



# Verified Certificate



This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

## CC0101EN: Introduction to Cloud Computing

a course of study offered by IBM, an online learning initiative of IBM.

Kavya Ahuja  
AI and Data Science Program Director  
IBM



Verified Certificate  
Issued July 24, 2021

Valid Certificate ID

cd1f1f1cc0b01a49c8afbf2c00a5e192d1e

# Verified Certificate



Manveen Limseigan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**AWS-DEV-13: Building Modern .NET Applications on  
AWS**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued April 23, 2022

Valid Certificate ID

[675c0a817b6b47c096a7718e6c039b47](https://certificates.edx.org/certificates/675c0a817b6b47c096a7718e6c039b47)

# Verified Certificate

**W** UNIVERSITY OF WASHINGTON



Janet Ozanich  
Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**BNED001: Preparing to Network in English**

a course of study offered by UWashingtoX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 20, 2021

Valid Certificate ID

0025b2e8a80c48580180c39e195a721

# Verified Certificate



This is to certify that

**Ankita Dey**

successfully completed and received a passing grade in

**LFS151.x: Introduction to Cloud Infrastructure  
Technologies**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

Cheryl Srinivasan

General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued March 9, 2023

Valid Certificate ID  
[054577e5812648e09e740f4588dc371b](#)

# Certificate of Training

**Ankita Dey,**

student of Hooghly Engineering and Technology College, has successfully completed a four weeks online training on **Internship & Job Preparation**. The training consisted of Getting Started with the Job Hunt, Building up your Gears and Going at the Front modules.

We wish Ankita all the best for the future.



**Sarvesh Agarwal**

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-04-08

Certificate no. : 3CC4D6A3-4BF4-91C2-B6C1-S3AA49F4C37C

For certificate authentication, please visit [http://trainings.internshala.com/verify\\_certificate](http://trainings.internshala.com/verify_certificate)





# ISB

ISB-2019-0001

## Ankita Dey

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

## COURSE CERTIFICATE



Verify at: [coursera.org/verify/89BCWHRG55YV](https://coursera.org/verify/89BCWHRG55YV)

Coursera has certified the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

4 May, 2017

**Aditya Paswan**

100% successfully completed

**Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Williams, Ph.D.  
Senior Academic Personnel  
Member Council of the Board of Operating Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/GS2017/278928>

Coursera has confirmed the identity of the individual who has  
successfully completed this course.



**Georgia Institute**  
**of Technology**

June 11, 2019

**Aditya Paswan**

100% successfully completed

**Fundamentals of Engineering Exam Review**

Academic credit review conducted by Georgia Institute of Technology and offered through Coursera

*Wayne W. Hubert, PhD*

Dr. Wayne W. Hubert, PhD, Professor  
Professor, Dept. of Materials & Biomaterials  
School of Chemical & Biomolecular Engineering

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/187670420476](https://coursera.org/verify/187670420476)

Coursera has confirmed the identity of the individual who passed certification in the course



Certificate no. UC-8020220-1224-4064-2281-84270400047  
Certificate for completion of course: 1Z0-819 & 1Z0-817  
Issued on: 05/09/2022

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: **Andrii Platakha, Learn IT University**

**Aditya paswan**

Date: **May 9, 2022**

Length: **20.5 total hours**



Certificate no: UC-4633264-7188-41a7-916a-6e037f0ca327  
Certificate url: <https://www.udacity.com/certificate/UC-4633264-7188-41a7-916a-6e037f0ca327>  
Issued on: 05/09/2023

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATKO**, Andrii Platakha

**Aditya paswan**

Date: **May 9, 2023**

Length: **8.5 total hours**





Certificate No. UC-0442289- April 30th 2022- 442714282924  
Certificate ID: UC-0442289- April 30th 2022- 442714282924  
Issued on: 30th April 2022

CERTIFICATE OF COMPLETION

# Technical Java Interview Prep for IT professionals

Instructors: Benji Bogush

**Aditya paswan**

Date: April 30, 2022

Length: 11.5 total hours

## Aditya Paswan

has completed the following course:

### **AGRICULTURE, ECONOMICS AND NATURE** THE UNIVERSITY OF WESTERN AUSTRALIA

99%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

#### **STUDY REQUIREMENT**

6 weeks, 4 hours per week

#### **SYLLABUS**

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# Aditya Paswan

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week



David Penell

Professor of Agricultural and Resource Economics  
The University of Western Australia





## Aditya Paswan

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS** **THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

---

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks



## Certificate of Achievement

# Aditya Paswan

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



**Audrey Bellar**  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**Harit Manoukian**

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION





Certificate of Completion issued by Udemy  
Certificate of Completion issued by Udemy  
Reference Number: 1000

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: Ing. Tomas Moravec, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Aditya paswan**

Date: March 31, 2023

Length: 28.5 total hours



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SINJAN RAY**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **63** %

Online Assignments	24.94/25	Proctored Exam	38.28/75
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Total number of candidates certified in this course: **10672**

Prof. Devendra Jalihal

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543870153

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-47bb4535-6d6e-4936-a824-49dd25e51031  
Certificate url: [ude.my/UC-47bb4535-6d6e-4936-a824-49dd25e51031](https://ude.my/UC-47bb4535-6d6e-4936-a824-49dd25e51031)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Souvik Majhi

Date **May 15, 2024**

Length **8 total hours**



Certificate no: UC-aaaae614-04d1-4a82-885c-b9e78612db4a

Certificate url: [ude.my/UC-aaaae614-04d1-4a82-885c-b9e78612db4a](https://ude.my/UC-aaaae614-04d1-4a82-885c-b9e78612db4a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Souvik Majhi

Date **May 15, 2024**

Length **8 total hours**





Certificate no: UC-5e090127-6920-4aab-b481-4a7894d23d61  
Certificate url: [ude.my/UC-5e090127-6920-4aab-b481-4a7894d23d61](https://ude.my/UC-5e090127-6920-4aab-b481-4a7894d23d61)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS EC2 : AWS Certified Solutions Architect - Associate**

Instructors **Mohammed Asif Khan**

## **Souvik Majhi**

Date **May 15, 2024**

Length **9 total hours**





Dec 24, 2023

## Coursera Learner

has successfully completed

### Foundations of Cybersecurity

an online non-credit course authorized by Google and offered through Coursera

Amanda Bishop  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/55YxU57A0eTtU>

Coursera has confirmed the identity of this individual and their participation in the course.



May 26, 2023

**SOUVIK MAJHI**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ISBSOUV230523>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 16, 2023

**SOUVIK MAJHI**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7k3TZ3A8WU0B>

Coursera has validated the identity of the individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April 17, 2023

**SOUVIK MAJHI**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PT12KXHQ1062>

Coursera has validated the identity of this individual and their participation in the course

# UCI Division of Continuing Education

May 5, 2023

**SOUVIK MAJHI**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Dana Spiegel  
Executive Coach

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/EV66P106NXY>

Coursera has confirmed the identity of this individual and their participation in the course.





# RICE UNIVERSITY

## COURSE CERTIFICATE

May 10, 2023

### SOUVIK MAJHI

has successfully completed

### Interpersonal Communication for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera.



Jaya Mohan  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Ansh Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/SP1P0B0F0x1R>

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Akash Nandi**

Date: May 14, 2024

Length: 12 total hours



CERTIFICATE OF COMPLETION

# Mastering Data Magic : Power BI + Tableau + SQL , Analytics

Instructors **ZK Tutorials**

**Akash Nandi**

Date **May 14, 2024**

Length **24 total hours**



CERTIFICATE OF COMPLETION

# [NEW] Spring Boot 3, Spring 6 & Hibernate for Beginners

Instructor: **Chad Darby**

**Akash Nandi**

Date: **Jan. 30, 2024**

Length: **33.5 total hours**

2<sup>ND</sup> YEAR

LATERAL

ENTRY





Certificate no: UC-5ae9697f-c058-4eae-aa01-98d075eabbe7

Certificate url: [ude.my/UC-5ae9697f-c058-4eae-aa01-98d075eabbe7](https://ude.my/UC-5ae9697f-c058-4eae-aa01-98d075eabbe7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Biswajit Kundu

Date **May 5, 2024**

Length **17 total hours**



Certificate no: UC-cf980db6-776b-46c1-a3e8-3bb42011f80f  
Certificate url: [ude.my/UC-cf980db6-776b-46c1-a3e8-3bb42011f80f](https://ude.my/UC-cf980db6-776b-46c1-a3e8-3bb42011f80f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures Algorithm DSA | Python+Javascript LEETCODE

Instructors **Jackson Kailath**

**Biswajit Kundu**

Date **May 5, 2024**

Length **40 total hours**



Certificate no: UC-0d0895f9-3019-4112-a177-4b5634328ff0

Certificate url: [ude.my/UC-0d0895f9-3019-4112-a177-4b5634328ff0](https://ude.my/UC-0d0895f9-3019-4112-a177-4b5634328ff0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Biswajit Kundu**

Date **April 6, 2024**

Length **8 total hours**





Certificate no: UC-8a5d5d18-5a5e-4b4c-823a-ed3c22101130

Certificate url: [ude.my/UC-8a5d5d18-5a5e-4b4c-823a-ed3c22101130](https://ude.my/UC-8a5d5d18-5a5e-4b4c-823a-ed3c22101130)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Game Development Masterclass

Instructors **Stefan Toshkov Zhelyazkov**

**Biswajit Kundu**

Date **April 6, 2024**

Length **13 total hours**





6 Courses

**Introduction to the Internet of Things and Embedded Systems**

**The Arduino Platform and C Programming**

**Interfacing with the Arduino**

**The Raspberry Pi Platform and Python Programming for the Raspberry Pi**

**Interfacing with the Raspberry Pi**

**Programming for the Internet of Things Project**



Apr 9, 2022

**ANUBHAV KUMAR DUTTA**

has successfully completed the online, non-credit Specialization

# An Introduction to Programming the Internet of Things (IOT)

Design, create, and deploy a fun IoT device using Arduino and Raspberry Pi platforms. In this Specialization covers embedded systems, the Raspberry Pi Platform, and the Arduino environment for building devices that can control the physical world. In the final Capstone Project, you'll apply the skills you learned by designing, building, and testing a microcontroller-based embedded system, producing a unique final project suitable for showcasing to future employers.

Ian Harris  
Professor  
Department of  
Computer Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
<https://coursera.org/verify/specialization/NHZ9GSXAQFAT>





Certificate no: UC-d798e425-b641-4b60-b0d5-a32ee9ad5d82  
Certificate url: [ude.my/UC-d798e425-b641-4b60-b0d5-a32ee9ad5d82](https://ude.my/UC-d798e425-b641-4b60-b0d5-a32ee9ad5d82)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Cubase Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Anubhav Dutta

Date **14 May 2022**

Length **9 total hours**



Certificate no: UC-c00cf31e-0fb0-46e2-acbd-3d43807b6e02

Certificate url: [ude.my/UC-c00cf31e-0fb0-46e2-acbd-3d43807b6e02](https://ude.my/UC-c00cf31e-0fb0-46e2-acbd-3d43807b6e02)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## Anubhav Dutta

Date **14 May 2022**

Length **8 total hours**



Certificate no: UC-259735d1-77c9-4b46-84d5-d68004cf9032  
Certificate url: [ude.my/UC-259735d1-77c9-4b46-84d5-d68004cf9032](https://ude.my/UC-259735d1-77c9-4b46-84d5-d68004cf9032)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Art Of Drawing Cartoon Comic Strips [NEW]

Instructors **Red Jacobs Production, T.S Amachree**

## Anubhav Dutta

Date **14 May 2022**

Length **14 total hours**





Certificate no: UC-58b82c3a-1f13-4f4b-b9c6-e8806e942e97

Certificate url: [ude.my/UC-58b82c3a-1f13-4f4b-b9c6-e8806e942e97](https://ude.my/UC-58b82c3a-1f13-4f4b-b9c6-e8806e942e97)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Fingerstyle Guitar Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Anubhav Dutta

Date **14 May 2022**

Length **11 total hours**



Certificate no: UC-324bdc19-19ff-4ce7-9583-9e0b0410bef2

Certificate url: [ude.my/UC-324bdc19-19ff-4ce7-9583-9e0b0410bef2](https://ude.my/UC-324bdc19-19ff-4ce7-9583-9e0b0410bef2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

## Anubhav Dutta

Date **15 Feb 2023**

Length **71.5 total hours**





Certificate no: UC-eab6e2aa-0bcd-42e1-95fd-90793371c849

Certificate url: [ude.my/UC-eab6e2aa-0bcd-42e1-95fd-90793371c849](https://ude.my/UC-eab6e2aa-0bcd-42e1-95fd-90793371c849)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & ChatGPT SEO Copywriting

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Anubhav Dutta

Date **3 Feb 2024**

Length **44.5 total hours**



Certificate no: UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c

Certificate url: [ude.my/UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c](https://www.udemy.com/certificate/UC-88ba8587-af1e-4a72-9003-f3eef9edbf3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Sagnic Bhattacharyya

Date **March 7, 2024**

Length **77 total hours**



Certificate no: UC-af0cd537-9f84-4a33-8fd7-c521734cf55e

Certificate url: [ude.my/UC-af0cd537-9f84-4a33-8fd7-c521734cf55e](https://ude.my/UC-af0cd537-9f84-4a33-8fd7-c521734cf55e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Sagnic Bhattacharyya

Date **May 7, 2024**

Length **8 total hours**





Certificate no: UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7

Certificate url: [ude.my/UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7](https://ude.my/UC-c6e8f920-8952-4557-8ff7-5236c8d9f5f7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Development: Building Interactive Websites

Instructors **Metla Sudha Sekhar**

## **Sagnic Bhattacharyya**

Date **May 8, 2024**

Length **19.5 total hours**





DARDEN SCHOOL  
of BUSINESS

Feb 26, 2022

**Soumyadip Maji**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Director, Executive Giving Voice to Values  
Practice of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/Y59D758U6489](https://coursera.org/verify/Y59D758U6489)

Coursera has confirmed the identity of this individual and their participation in the course



# Georgia Institute of Technology

Nov 17, 2021

**Soumyadip Maji**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UT128DD3RQFA3](https://coursera.org/verify/UT128DD3RQFA3)

Coursera has verified the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523010070

To  
SOUMYADIP MAJI  
SEARSOLE RAJBARI  
INDRAPRASTHA COMPLEX  
RANGANG  
WEST BENGAL - 712258  
PH. NO :8918216715



Score	Type of Certificate
>=80	Elite+Gold
75-79	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOUMYADIP MAJI**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **82** %

Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	31.92/50
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Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras









# Georgia Institute of Technology

Aug 30, 2022

**Soumyadip Maji**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/072M9C734451>

Coursera has confirmed the identity of this individual and their participation in the course.



**COLUMBIA UNIVERSITY**  
IN THE CITY OF NEW YORK

Mar 18, 2023

**Soumyadip Maji**

has successfully completed

**Construction Project Management**

an online non-credit course authorized by Columbia University and offered through  
Coursera



Soumyadip Maji  
Department of Civil Engineering and Engineering Mechanics  
Columbia University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/87488UH2OX8R>

Coursera has validated the identity of this individual and their  
participation in the course



University of Colorado  
Boulder

Apr 13, 2023

**Soumyadip Maji**

has successfully completed

**Teamwork Skills: Communicating Effectively in  
Groups**

an online non-credit course authorized by University of Colorado Boulder and offered  
through Coursera

**Matthew Korschmann**

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/D3UW1X68HGB>

Coursera has authorized the identity of this individual and their  
participation in the course



## Certificate of Achievement

# MONALISHA HOSSAIN

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/portfolio/learning/certificate-of-achievement](https://futurelearn.com/portfolio/learning/certificate-of-achievement)

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



## MONALISHA HOSSAIN

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

100%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# MONALISHA HOSSAIN

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

8 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Manoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## MONALISHA HOSSAIN

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS** **THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks



Certificate no: UC-40b5f49f-e6f2-4302-9976-0cfa83bb0ac0

Certificate url: [ude.my/UC-40b5f49f-e6f2-4302-9976-0cfa83bb0ac0](https://ude.my/UC-40b5f49f-e6f2-4302-9976-0cfa83bb0ac0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Monalisha Hossain

Date **June 6, 2022**

Length **36 total hours**





Certificate no: UC-712c4948-6ca8-4cf1-9bd8-53f6208cb9ee

Certificate url: [ude.my/UC-712c4948-6ca8-4cf1-9bd8-53f6208cb9ee](https://ude.my/UC-712c4948-6ca8-4cf1-9bd8-53f6208cb9ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Coding Interview :Data structures + Algorithms

Instructors **Jackson Kailath**

## Monalisha Hossain

Date **Feb. 7, 2023**

Length **39 total hours**



Certificate no: UC-3cf84f3d-4ee4-4f07-aed3-52a4b7787661

Certificate url: [ude.my/UC-3cf84f3d-4ee4-4f07-aed3-52a4b7787661](https://ude.my/UC-3cf84f3d-4ee4-4f07-aed3-52a4b7787661)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Monalisha Hossain

Date **Feb. 7, 2023**

Length **33 total hours**



Certificate ID: UC-024-KG25-K06-K05-4971-473c788a71  
Certificate URL: udemy.com/certificate/UC-024-KG25-K06-K05-4971-473c788a71  
Business Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: Logus Academy

**Sayan Ali Mallick**

Date: Dec. 13, 2023

Length: 77 total hours



**4TU** Centre for Ethics  
and Technology

Appreciate

**SAYAN ALI MALLICK**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "R. van der Vlist", written over a horizontal line.

Dean  
Faculty of Technology  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://www.coursera.org/certificates/verify>

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simplilearn SkillUP

# CERTIFICATE OF COMPLETION

Sayan Ali Mallick

has successfully completed the online course:  
**Python for Beginners**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

10<sup>th</sup> May 2024

Certificate code : 5201909



Krishna Kumar  
CEO, Simplilearn





Certificate no: UC-8874b1f2-732c-40bd-83d6-c3732af16563

Certificate url: [ude.my/UC-8874b1f2-732c-40bd-83d6-c3732af16563](https://ude.my/UC-8874b1f2-732c-40bd-83d6-c3732af16563)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructors **Robert (Bob) Steele**

**Birata Mukhopadhyay**

Date **May 6, 2023**

Length **17.5 total hours**



Certificate no: UC-524e1000-c853-4a35-babd-a370f9dd54ee

Certificate url: [udemy.com/UC-524e1000-c853-4a35-babd-a370f9dd54ee](https://udemy.com/UC-524e1000-c853-4a35-babd-a370f9dd54ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## **Birata Mukhopadhyay**

Date **May 11, 2023**

Length **8.5 total hours**



Certificate no: UC-40645e99-5570-4556-b0b4-1e2e9f5d7d8d  
Certificate url: [ude.my/UC-40645e99-5570-4556-b0b4-1e2e9f5d7d8d](https://ude.my/UC-40645e99-5570-4556-b0b4-1e2e9f5d7d8d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Birata Mukhopadhyay**

Date **May 11, 2023**

Length **11 total hours**





Certificate no: UC-ec78910c-842d-4bb4-9fb6-ae30c9c8aa18

Certificate url: [ude.my/UC-ec78910c-842d-4bb4-9fb6-ae30c9c8aa18](https://www.udemy.com/certificate/UC-ec78910c-842d-4bb4-9fb6-ae30c9c8aa18)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing B2B Ultimate Digital Marketing Course 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Birata Mukhopadhyay**

Date **May 7, 2023**

Length **49.5 total hours**



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Subhadeep Shome**

Date: **May 10, 2024**

Length: **77 total hours**



Certificate ID: UC-088/704-8848-42d2-6d0-708444410  
Certificate URL: <https://www.udacity.com/certificate/UC-088/704-8848-42d2-6d0-708444410>  
Reference Number: 8004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: **Horizon Tech**

**Subhadeep Shome**

Date: **May 11, 2024**

Length: **12.5 total hours**



Certificate no. UC-M56d9e-460-4c5-68e0-000394e1470  
Certificate url: udemy/UC-M56d9e-460-4c5-68e0-000394e1470  
Balance Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Subhadeep Shome**

Date: **May 12, 2024**

Length: **8 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHADEEP SHOME**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **54** %

Online Assignments	23.94/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **12432**

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHADEEP SHOME**

*for successfully completing the course*

**Ethics in Engineering Practice**

with a consolidated score of **56** %

Online Assignments	18.75/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

**(8 week course)**

**Prof. Naimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Certificate no: UC-2d903bde-3779-41a7-968e-3eccdb206276  
Certificate url: [ude.my/UC-2d903bde-3779-41a7-968e-3eccdb206276](https://ude.my/UC-2d903bde-3779-41a7-968e-3eccdb206276)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Development: Building Interactive Websites

Instructors **Metla Sudha Sekhar**

**Saikat Bhowmick**

Date **May 7, 2024**

Length **19.5 total hours**



Certificate no: UC-98e52d89-2d96-493d-9804-25fb88eb145e  
Certificate url: [ude.my/UC-98e52d89-2d96-493d-9804-25fb88eb145e](https://ude.my/UC-98e52d89-2d96-493d-9804-25fb88eb145e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

**Saikat Bhowmick**

Date **May 8, 2024**

Length **8 total hours**





Certificate no: UC-838f1d31-c559-48fc-8047-c1a7547429c4

Certificate url: [ude.my/UC-838f1d31-c559-48fc-8047-c1a7547429c4](https://ude.my/UC-838f1d31-c559-48fc-8047-c1a7547429c4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Saikat Bhowmick**

Date **May 8, 2024**

Length **77 total hours**



## Asmita Datta

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

98%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# Asmita Datta

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs

8 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Masoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION





## Asmita Datta

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

---

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks

## Certificate of Achievement

Congratulations!

**ASMITA DATTA**

for successfully completing

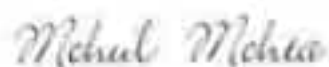
**Introduction to Soft Skills**

a course that covers

Objectives | Importance of Soft Skills | Acquiring Soft Skills |  
Difference between Hard and Soft Skills

Start Date: 20 Oct 2021

End Date: 17 Jan 2022



**Mehul Mehta**

Global Delivery Head - TCS iON,  
Tata Consultancy Services



**CERTIFIED**

Cert ID: 22701924743-1014  
DATE: 17 Jan 2022



**YONSEI**  
UNIVERSITY

May 22, 2021

**Asmita Datta**

has successfully completed

**First Step Korean**

an online non-credit course authorized by Yonsei University and offered through  
Coursera

A handwritten signature in black ink, reading "Seung-Hwa Kang".

Seung-Hwa Kang  
Adjunct Professor  
Korean Language Education as a Foreign Language

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/BAURPT4P0GAM>

Coursera has verified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 21, 2022

**Asmita Datta**

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress &  
Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whiteman, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7080A488H8X1G>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

May 2, 2022

**Asmita Datta**

has successfully completed

**Introduction to Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UMHCCN3V5B>

Coursera has validated the identity of this individual and their participation in the course.



Apr 9, 2022

**Asmita Datta**

has successfully completed

**Google Cloud Fundamentals for AWS Professionals**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/20NVMHMS0XEU>

Coursera has validated the identity of this individual and their participation in the course.



Certificate no: UC-5a2267d3-a917-4663-8919-7271daf6b0ea

Certificate url: [ude.my/UC-5a2267d3-a917-4663-8919-7271daf6b0ea](https://ude.my/UC-5a2267d3-a917-4663-8919-7271daf6b0ea)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Asmita Datta

Date **Feb. 4, 2023**

Length **38.5 total hours**

# MOOCS

(MASSIVE OPEN ONLINE COURSE)

NAME - SAMYAMOY BHATTACHARYA

DEPT – CIVIL ENGINEERING

UNIVERSITY ROLL NO. - 17601321051, 2<sup>ND</sup> YEAR, 3<sup>RD</sup> SEM

COLLEGE – HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE

★ GOOGLE CLOUD FUNDAMENTALS FOR AWS PROFESSIONALS (9-week course)



❖ Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading (5-week course)



❖ AGRICULTURE, ECONOMICS, AND NATURE BY FUTURE LEARN (6-week course) [futurelearn.com/certificates/3msjv3c](https://futurelearn.com/certificates/3msjv3c)





❖ **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION (6-week course)** [futurelearn.com/certificates/mnrt9nj](https://futurelearn.com/certificates/mnrt9nj)



Certificate of Achievement

# Samyamoy Bhattacharya

has completed the following course

## PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

The course explored the specific needs of DDCs such as COVID-19, how to protect or reduce protective factors for children, the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs.

Duration: 6 weeks per week

Audrey Butler

Deputy Director of Operations & Research

Samyamoy Bhattacharya

Director of Protection & Advocacy

Co-Chair of UNICEF India's Board of Advisors



This certificate is awarded to Samyamoy Bhattacharya for completing this course with a grade of 75%.



## Samyamoy Bhattacharya

has completed the following course

## PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

The course covered topics including the impact of COVID-19 on children, the specific needs of DDCs and how to protect or reduce protective factors for children, the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs.

### COURSE OBJECTIVES

1. Understand the course

### LEARNING OUTCOMES

- Understand the course and its objectives
- Understand the specific needs of DDCs and how to protect or reduce protective factors for children
- Understand the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs
- Understand the impact of COVID-19 on children
- Understand the specific needs of DDCs and how to protect or reduce protective factors for children
- Understand the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs

### EXAM

By the end of the course you will be able to:

- Understand the specific needs of DDCs and how to protect or reduce protective factors for children
- Understand the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs
- Understand the impact of COVID-19 on children
- Understand the specific needs of DDCs and how to protect or reduce protective factors for children
- Understand the effectiveness of digital participation and how to design child protection programmes and services which work better to work effectively with needs in DDCs

This certificate is awarded to Samyamoy Bhattacharya for completing this course with a grade of 75%.

This certificate is awarded to Samyamoy Bhattacharya for completing this course with a grade of 75%.



## ◆ Business Etiquette (SOFT SKILL) 12 WEEK COURSE



<u>COURSE NAME</u>	<u>WEEK</u>	<u>POINTS</u>
Google Cloud Fundamentals for AWS Professionals	9	2
Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	5	1
AGRICULTURE, ECONOMICS AND NATURE	6	1

PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION	6	1
Business Etiquette	12	3
	TOTAL	8 POINTS



Certificate no: UC-be770fc5-7517-4415-95cf-fce29e7148f4

Certificate url: [ude.my/UC-be770fc5-7517-4415-95cf-fce29e7148f4](https://ude.my/UC-be770fc5-7517-4415-95cf-fce29e7148f4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors **SAP Easy Learning For Beginners**

## Samyamoy Bhattacharya

Date **1 Apr 2023**

Length **56.5 total hours**



Certificate id: UC-825w9c9-e021-44c1-8e01-688c20d05011  
Certificate url: <https://www.udacity.com/certificate/UC-825w9c9-e021-44c1-8e01-688c20d05011>  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors: Vijay Kumar

**Samyamoy Bhattacharya**

Date: 7 May 2024

Length: 40 total hours





# CERTIFICATE OF COMPLETION

Presented to

**ARYA BISWAS**

For successfully completing a free online course  
Python Fundamentals for Beginners

Provided by

Great Learning Academy

(On May 2024)



**4TU** Centre for Ethics  
and Technology

May 17, 2023

**Susmita Das**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/SHAGSS53013>

Coursera has confirmed the identity of this individual and their participation in the course



Certificate no: UC-eee9e63c-1625-479e-8bb2-f484a85a505e

Certificate url: [ude.my/UC-eee9e63c-1625-479e-8bb2-f484a85a505e](https://www.udemy.com/certificate/UC-eee9e63c-1625-479e-8bb2-f484a85a505e/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing B2B Ultimate Digital Marketing Course 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Susmita Das

Date **May 10, 2023**

Length **49.5 total hours**

# M UNIVERSITY OF MICHIGAN

May 17, 2023

Susmita Das

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/B7ACN1ZWR87U>

Coursera has authorized the identity of this individual and their participation in the course.





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOVAN GHOSH**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **52** %

Online Assignments	20.78/25	Proctored Exam	31.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S557300022

To verify the certificate



No. of credits recommended: 3 or 4





Certificate no: UC-abaf5019-bf54-44fa-a38e-7201bdb69e53

Certificate url: [ude.my/UC-abaf5019-bf54-44fa-a38e-7201bdb69e53](https://ude.my/UC-abaf5019-bf54-44fa-a38e-7201bdb69e53)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Sovan Ghosh

Date **May 17, 2024**

Length **8 total hours**



Certificate no: UC-6d2461f9-39d7-45a6-addb-bf11915666bf

Certificate url: [ude.my/UC-6d2461f9-39d7-45a6-addb-bf11915666bf](https://udemy.com/UC-6d2461f9-39d7-45a6-addb-bf11915666bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Sovan Ghosh

Date **Jan. 13, 2024**

Length **77 total hours**

# M UNIVERSITY OF MICHIGAN

May 12, 2023

SOUMOJEET SARKAR

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/AC8G7Bt39EDW>

Coursera has verified the identity of this individual and their participation in the course.



May 13, 2023

**SOUMOJEET SARKAR**

has successfully completed

**English for Effective Business Writing**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Sam Miller'.

Sam Miller  
Senior Lecturer, Center for Language Education

Dorian Cappel  
Director, Center for Language Education

Kit Tong  
Instructor, Center for Language Education

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TA7WDAHOGAND>

Coursera has confirmed the identity of this individual and their participation in the course





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOUMOJEET SARKAR**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	19.13/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S43020135

To validate the certificate



No. of credits recommended: 2 or 3





UNIVERSITY OF AMSTERDAM

April 17, 2024

**SOUMOJEET SARKAR**

has successfully completed

**Basic Statistics**

an online non-credit course authorized by University of Amsterdam and offered through  
Coursera

Dr. Annetta David Scholten, Dr. Marlijn Duijn, Dr. Ir. E.E. van Laar  
University of Amsterdam

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/DE0CNS274PIV>

Coursera has verified the identity of the individual and their participation in the course.



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

April 27, 2024

**SOUMOJEET SARKAR**

has successfully completed

**Introduction to Cyber Attacks**

an online non-credit course authorized by New York University and offered through  
Coursera



*Edward C. Anderson*

Dr. Edward C. Anderson  
Senior Lecturer, NYU Tandon School of Engineering  
Computer Science

Verify at:  
<https://coursera.org/verify/W8GH56Y9H5Z6>

Coursera has validated the identity of this individual and their participation in the course.



April 8, 2022

**SOUMOJEET SARKAR**

has successfully completed

**Data Analysis with Python**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santanocielo  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/COC384765043>

Coursera has validated the identity of this individual and their participation in the course.



Certificate no: UC-7a3c792f-10bb-4640-9cb7-496504d280d6  
Certificate url: [ude.my/UC-7a3c792f-10bb-4640-9cb7-496504d280d6](https://www.udemy.com/certificate/UC-7a3c792f-10bb-4640-9cb7-496504d280d6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## Sagnik Goswami

Date **May 14, 2022**

Length **8 total hours**





Certificate no: UC-69777181-4b68-4a55-9997-b8e880ca22a6

Certificate url: [ude.my/UC-69777181-4b68-4a55-9997-b8e880ca22a6](https://ude.my/UC-69777181-4b68-4a55-9997-b8e880ca22a6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

## **Sagnik Goswami**

Date **May 7, 2022**

Length **22 total hours**



Certificate no: UC-aaa358ee-af94-46d5-8712-744416af80ee

Certificate url: [ude.my/UC-aaa358ee-af94-46d5-8712-744416af80ee](https://ude.my/UC-aaa358ee-af94-46d5-8712-744416af80ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Advertising Course: PPC Advertising Mastery

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Sagnik Goswami

Date **May 5, 2023**

Length **30.5 total hours**



Certificate no: UC-47e3d32f-bf6d-4a4f-9cb6-a2b5c4921916

Certificate url: [ude.my/UC-47e3d32f-bf6d-4a4f-9cb6-a2b5c4921916](https://ude.my/UC-47e3d32f-bf6d-4a4f-9cb6-a2b5c4921916)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha**, Learn IT University

## Sagnik Goswami

Date **May 7, 2022**

Length **29.5 total hours**





Certificate no: UC-6dfe8b9d-2c50-49d7-8bc6-305ecdd8f8b3  
Certificate url: [ude.my/UC-6dfe8b9d-2c50-49d7-8bc6-305ecdd8f8b3](https://ude.my/UC-6dfe8b9d-2c50-49d7-8bc6-305ecdd8f8b3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors **Learn Tech Plus**

## Sagnik Goswami

Date **May 16, 2022**

Length **15 total hours**





Certificate no: UC-f0e1c37d-3e34-4c0f-a108-d52f5cc1b64c

Certificate url: [ude.my/UC-f0e1c37d-3e34-4c0f-a108-d52f5cc1b64c](https://ude.my/UC-f0e1c37d-3e34-4c0f-a108-d52f5cc1b64c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Cubase Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Sagnik Goswami

Date **May 14, 2022**

Length **9 total hours**



Certificate no: UC-6bedb706-fd5b-44d6-9ffb-91f3c1e846ea  
Certificate url: [ude.my/UC-6bedb706-fd5b-44d6-9ffb-91f3c1e846ea](https://ude.my/UC-6bedb706-fd5b-44d6-9ffb-91f3c1e846ea)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Sagnik Goswami

Date **May 5, 2023**

Length **10 total hours**



Certificate no: UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e

Certificate url: [ude.my/UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e](https://udemy.com/certificate/UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Graph Theory Algorithms in Java

Instructors **Md. A. Barik**

## Abhishek Ghosh

Date **May 22, 2023**

Length **10 total hours**



Certificate no: UC-27ced29a-d022-408b-943e-6b014857cc4f

Certificate url: [ude.my/UC-27ced29a-d022-408b-943e-6b014857cc4f](https://ude.my/UC-27ced29a-d022-408b-943e-6b014857cc4f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master English Grammar - Advanced Level

Instructors **Dave Skypelessons**

## Abhishek Ghosh

Date **May 24, 2023**

Length **34.5 total hours**





Certificate no: UC-40fbd5fe-640d-4a84-9097-1400c70cb280

Certificate url: [ude.my/UC-40fbd5fe-640d-4a84-9097-1400c70cb280](https://www.udemy.com/certificate/UC-40fbd5fe-640d-4a84-9097-1400c70cb280)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Complete Course 2022

Instructors **Horizon Tech**

## Abhishek Ghosh

Date **May 22, 2023**

Length **11.5 total hours**



Certificate no: UC-0d054539-19e6-4792-a4de-5a68c1905890

Certificate url: [ude.my/UC-0d054539-19e6-4792-a4de-5a68c1905890](https://ude.my/UC-0d054539-19e6-4792-a4de-5a68c1905890)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

## Abhishek Ghosh

Date **May 24, 2023**

Length **21.5 total hours**

2<sup>ND</sup> YEAR

LATERAL

ENTRY



Certificate no: UC-0052162-3824-4466-9720-5967887e078  
Certificate url: <https://www.udacity.com/certificate/UC-0052162-3824-4466-9720-5967887e078>  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# C to Learn Programming Technique : C to Master Skills

Instructors **Sandeep Thakur**

**Dibyendu Das**

Date **March 16, 2024**

Length **17 total hours**





Certificate ID: UC-49c72101-a2c8-428e-9284-503870a643a  
Certificate URL: <https://www.udemy.com/certificate/UC-49c72101-a2c8-428e-9284-503870a643a>  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on Training

Instructors **Easy learning**

**Dibyendu Das**

Date **April 5, 2024**

Length **10.5 total hours**



Certificate no: UC-af380d91-48f9-4e30-b079-0b6ee425269  
Certificate url: udemy/UC-af380d91-48f9-4e30-b079-0b6ee425269  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2024

Instructors **Hemanth kumar**

## Dibyendu Das

Date **April 3, 2024**

Length **17 total hours**



Certificate ID: UC-c8b0f84-304e-47ad-8b14-2e3025d8637f  
Certificate URL: <https://www.udemy.com/certificate/UC-c8b0f84-304e-47ad-8b14-2e3025d8637f>  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# **AWS EC2 : AWS Certified Solutions Architect - Associate**

Instructors **Mohammed Asif Khan**

## **Dibyendu Das**

Date **March 15, 2024**

Length **9 total hours**



Certificate no: UC-a2a7f03-e943-481a-8039-e83a374eae89  
Certificate url: udemy/UC-a2a7f03-e943-481a-8039-e83a374eae89  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

**Dibyendu Das**

Date **April 6, 2024**

Length **11.5 total hours**





Certificate ID: UC-3f47ba0-4c3e-4f22-af5a3-a243e20aa122  
Certificate URL: [www.udemy.com/certificate/UC-3f47ba0-4c3e-4f22-af5a3-a243e20aa122](https://www.udemy.com/certificate/UC-3f47ba0-4c3e-4f22-af5a3-a243e20aa122)  
Reference Number: 0054

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Dibyendu Das**

Date **April 8, 2024**

Length **8 total hours**



Certificate no: UC-b651a937-9f1b-44c0-aeab-1d70e4989b6f

Certificate url: [ude.my/UC-b651a937-9f1b-44c0-aeab-1d70e4989b6f](https://ude.my/UC-b651a937-9f1b-44c0-aeab-1d70e4989b6f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Accounting-Bonds Payable, Notes Payable, Liabilities

Instructors **Robert (Bob) Steele**

## Abhrajit Saha

Date **Jan. 22, 2023**

Length **16 total hours**



Certificate no: UC-363cb990-69d9-4174-aa63-293d93185db4  
Certificate url: [ude.my/UC-363cb990-69d9-4174-aa63-293d93185db4](https://ude.my/UC-363cb990-69d9-4174-aa63-293d93185db4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Governmental Accounting 300 Proprietary & Fiduciary Funds

Instructors **Robert (Bob) Steele**

## Abhrajit Saha

Date **Jan. 21, 2023**

Length **16 total hours**



Certificate no: UC-d6d83d2c-f285-4753-8f2b-4b84d056a4a7

Certificate url: [udemy.com/certificate/UC-d6d83d2c-f285-4753-8f2b-4b84d056a4a7](https://udemy.com/certificate/UC-d6d83d2c-f285-4753-8f2b-4b84d056a4a7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop Pro - Personal Bookkeeping- Accounting

Instructors **Robert (Bob) Steele**

## **Abhrajit Saha**

Date **Jan. 24, 2023**

Length **9.5 total hours**





Certificate no: UC-8e194970-a79b-4e39-ad8d-a3fac5ec44a5

Certificate url: [ude.my/UC-8e194970-a79b-4e39-ad8d-a3fac5ec44a5](https://ude.my/UC-8e194970-a79b-4e39-ad8d-a3fac5ec44a5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Abhrajit Saha

Date **Feb. 26, 2023**

Length **8 total hours**



Certificate no: UC-7875b5d3-1352-4b92-9f88-dc9e9b9dd23d

Certificate url: [ude.my/UC-7875b5d3-1352-4b92-9f88-dc9e9b9dd23d](https://ude.my/UC-7875b5d3-1352-4b92-9f88-dc9e9b9dd23d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Curso Completo de Computación [versión Windows]

Instructors **Julio Fuentes**

## Abhrajit Saha

Date **Feb. 26, 2023**

Length **16 total hours**



Certificate no: UC-055290f6-0334-4f95-8e79-5037445e6e5e  
Certificate url: [ude.my/UC-055290f6-0334-4f95-8e79-5037445e6e5e](https://ude.my/UC-055290f6-0334-4f95-8e79-5037445e6e5e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

**Abhrajit Saha**

Date **Feb. 27, 2023**

Length **8 total hours**





Certificate no: UC-ff125578-53f7-4446-b202-e81f31ff2109  
Certificate url: [ude.my/UC-ff125578-53f7-4446-b202-e81f31ff2109](https://ude.my/UC-ff125578-53f7-4446-b202-e81f31ff2109)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) | Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Abhrajit Saha

Date **April 9, 2023**

Length **15 total hours**





THE UNIVERSITY  
of EDINBURGH

May 16, 2024

Gungun Mishra

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh, Prof. Robert C. Marsh  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/EDU/AN/OXM/192C>

Coursera has validated the identity of this individual and their participation in the course.



Certificate no: UC-02a898f3-676c-4804-9232-b72f7c0ccb88

Certificate url: [ude.my/UC-02a898f3-676c-4804-9232-b72f7c0ccb88](https://ude.my/UC-02a898f3-676c-4804-9232-b72f7c0ccb88)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Gungun Mishra

Date **May 15, 2024**

Length **16 total hours**



Certificate no: UC-5df882e6-a379-41fd-add0-2715bc21d9ed

Certificate url: [ude.my/UC-5df882e6-a379-41fd-add0-2715bc21d9ed](https://ude.my/UC-5df882e6-a379-41fd-add0-2715bc21d9ed)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Gungun Mishra

Date **May 14, 2024**

Length **77 total hours**



Certificate no: UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e

Certificate url: [ude.my/UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e](https://udemy.com/certificate/UC-c69aa1c6-02de-4e3a-bad3-fac679e6192e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Graph Theory Algorithms in Java

Instructors **Md. A. Barik**

## Abhishek Ghosh

Date **May 22, 2023**

Length **10 total hours**





Certificate no: UC-27ced29a-d022-408b-943e-6b014857cc4f

Certificate url: [ude.my/UC-27ced29a-d022-408b-943e-6b014857cc4f](https://ude.my/UC-27ced29a-d022-408b-943e-6b014857cc4f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master English Grammar - Advanced Level

Instructors **Dave Skypelessons**

## Abhishek Ghosh

Date **May 24, 2023**

Length **34.5 total hours**



Certificate no: UC-40fbd5fe-640d-4a84-9097-1400c70cb280

Certificate url: [ude.my/UC-40fbd5fe-640d-4a84-9097-1400c70cb280](https://www.udemy.com/certificate/UC-40fbd5fe-640d-4a84-9097-1400c70cb280)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Complete Course 2022

Instructors **Horizon Tech**

## Abhishek Ghosh

Date **May 22, 2023**

Length **11.5 total hours**



Certificate no: UC-0d054539-19e6-4792-a4de-5a68c1905890

Certificate url: [ude.my/UC-0d054539-19e6-4792-a4de-5a68c1905890](https://ude.my/UC-0d054539-19e6-4792-a4de-5a68c1905890)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

## Abhishek Ghosh

Date **May 24, 2023**

Length **21.5 total hours**





Certificate no: UC-325465f7-e72c-4982-b5af-626ecd641809

Certificate url: [ude.my/UC-325465f7-e72c-4982-b5af-626ecd641809](https://ude.my/UC-325465f7-e72c-4982-b5af-626ecd641809)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

## Subhadeep Manna

Date **April 18, 2023**

Length **128 total hours**



# Verified Certificate



Joseph Swartzengels  
Data Scientist

IBM

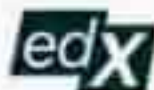
This is to certify that

**Subhadeep Manna**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



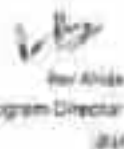
Verified Certificate

Issued April 19, 2023

Valid Certificate ID

07b74e6e53574982a688ae9726cfe5334

**Verified**  
Certificate



This is to certify that

**Subhadeep Manna**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued January 22, 2021

Valid Certificate ID  
654c8632e557bd477e9b20ea3ba2f1e926



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SUBHADEEP MANNA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **PRADIP GHOSH** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**PRITAM BISWAS** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

January 28th 2021

A handwritten signature in black ink, appearing to read 'Kannan M Moudgalya'.

Prof. Kannan M Moudgalya  
IIT Bombay

# VERIFIED

CERTIFICATE of ACHIEVEMENT

**W** UNIVERSITY of WASHINGTON



Joel Zeman

Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Subhadeep Manna**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtorX, an online learning initiative of  
University of Washington.



VERIFIED CERTIFICATE  
(Issued February 6, 2021)

UUID: CERTIFICATEID

<https://washington.edu/edx/bnet001/>



Faculty Name

Signature/Name

Gregory R. Anig Research Professor of Educational Leadership  
Harvard University

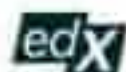
This is to certify that

**Subhadeep Manna**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
issued January 16, 2021

Valid Certificate ID  
2a2d8880c744e09e476c10ba94973



# Georgia Institute of Technology

Dec 9, 2010

**Subhadeep Manna**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/v66HWVZRLH8KM](https://coursera.org/verify/v66HWVZRLH8KM)

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: UC-07127394-6810-401-6076-40342893224  
Certificate URL: UC-07127394-6810-401-6076-40342893224  
Issuance Number: 0004

CERTIFICATE OF COMPLETION

# Selenium WebDriver JAVA- Basic to Architect Bootcamp 2024

Instructors: Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible

**Subhadeep Manna**

Date: May 8, 2024

Length: 60.5 total hours



Certificate no: UC-75608a96-7149-4b49-9940-50b5db670a83

Certificate url: [ude.my/UC-75608a96-7149-4b49-9940-50b5db670a83](https://ude.my/UC-75608a96-7149-4b49-9940-50b5db670a83)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Devika Das**

Date **May 15, 2024**

Length **8 total hours**





Certificate no: UC-da9c83e7-4f6c-40b3-8a87-9462f5ccf208

Certificate url: [ude.my/UC-da9c83e7-4f6c-40b3-8a87-9462f5ccf208](https://ude.my/UC-da9c83e7-4f6c-40b3-8a87-9462f5ccf208)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Analytics 4 (GA4): Become a Web Analytics Specialist!

Instructors **Anton Voroniuk, Anton Voroniuk Support, Hanna Ivanova**

**Devika Das**

Date **May 16, 2024**

Length **10.5 total hours**



Certificate no: UC-b201d1bc-750c-4841-824f-7b40fb728e71

Certificate url: [ude.my/UC-b201d1bc-750c-4841-824f-7b40fb728e71](https://ude.my/UC-b201d1bc-750c-4841-824f-7b40fb728e71)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real NMAP : Elite Network Scanning & Recon in 10 Hours|CNMP+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Devika Das

Date **May 21, 2024**

Length **10 total hours**



Certificate no: UC-f5078831-61db-4a1f-8fce-ec9e4fa54620

Certificate url: [ude.my/UC-f5078831-61db-4a1f-8fce-ec9e4fa54620](https://ude.my/UC-f5078831-61db-4a1f-8fce-ec9e4fa54620)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Management with ChatGPT: Complete Guide

Instructors **Andrii Piatakha**

**Devika Das**

Date **May 21, 2024**

Length **13.5 total hours**





Certificate no: UC-7baf04de-7c8d-40e9-ac99-a65aba020b4f

Certificate url: [ude.my/UC-7baf04de-7c8d-40e9-ac99-a65aba020b4f](https://ude.my/UC-7baf04de-7c8d-40e9-ac99-a65aba020b4f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spring Framework for Java Developers: Practical Guide

Instructors **Andrii Piatakha**

**Devika Das**

Date **May 21, 2024**

Length **20.5 total hours**





Certificate no: UC-e8ef63a9-a0bb-4a8e-8b2f-f0a33ae4a34f

Certificate url: [ude.my/UC-e8ef63a9-a0bb-4a8e-8b2f-f0a33ae4a34f](https://ude.my/UC-e8ef63a9-a0bb-4a8e-8b2f-f0a33ae4a34f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Devika Das

Date **May 21, 2024**

Length **21 total hours**



Mar 25, 2019

**MILAN SAHA**

has successfully completed

**Problem Solving with Excel**

an online certificate course authorized by PwC and offered through Coursera.

A handwritten signature in black ink, appearing to read "David M. Marshall".

David M. Marshall  
Global Course Program  
Director, Academic Excellence

**COURSE  
CERTIFICATE**



Verify it:  
<https://coursera.org/certificates/85PCL1ANU3UE>

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is owned by PwC and is not to be used for any other purpose without the express written consent of PwC.



Mar 26, 2022

**MILAN SAHA**

has successfully completed

**Data Visualization with Advanced Excel**

an online course's course authorized by PwC and offered through Coursera

Alan Stansky  
Director, Finance Strategic  
Data and Analytics Consulting

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ED88MOT82612>

Coursera has certified the identity of this individual and their participation in the course.

This certificate is issued by the [Coursera](https://www.coursera.org) platform and is not a legal document. Coursera, New York, New York, USA.









Certificate ID: 0233346-2427-1444-4770-444444444444  
Certificate URL: https://www.udacity.com/certificate/0233346-2427-1444-4770-444444444444  
Issued on: 2023

CERTIFICATE OF COMPLETION

# 70+ Copywriting & Content Writing Templates for your Success

Instructors: Ing. Tomas Moravsk, SEO, Facebook Ads & Digital Marketing Academy

**Milan saha**

Date: March 5, 2023

Length: 17,5 total hours



Mar 23, 2019

**MILAN SAHA**

has successfully completed

**Data-driven Decision Making**

an online certificate course authorized by PwC and offered through Coursera.

Anil Kulkarni  
Principal  
Data and Analytics Consulting

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/verify>

Coursera has validated the identity of this individual and they participated in this course.

This certificate is owned by PwC and is not to be used for any other purpose without the express written consent of PwC.

# UCI Division of Continuing Education

May 10, 2023

**SOURODIP GHOSH**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Diane Syngal  
Executive Coach

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/78089HMS01EE>

Coursera has confirmed the identity of this individual and their participation in the course.





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOURODIP GHOSH**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.72/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10672**

Prof. Devendra Jalihal

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543020119

To validate the certificate



No. of credits recommended: 3 or 4



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOURODIP GHOSH**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	18.71/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3020050

To validate the certificate



No. of credits recommended: 2 or 3



THE UNIVERSITY  
of EDINBURGH

May 10, 2023

**ANIK BISWAS**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Dea Wolf, Duncan Pritchard, Eileen Leavelle, Matthew Crummon, Allan Waters, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/P66U38705V2>

Coursera has verified the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

May 7, 2023

**ANIK BISWAS**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lander Beylaker  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ASX9&GF49M4R>

Coursera has verified the identity of this individual and their  
participation in the course



# M UNIVERSITY OF MICHIGAN

May 9, 2007

**ANIK BISWAS**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/u08U178MGAY2k>

Coursera has authorized the identity of this individual and their participation in the course



# Georgia Institute of Technology

May 7, 2023

**ANIK BISWAS**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/APIC72825460>

Coursera has validated the identity of this individual and their participation in the course.



July 24, 2021

**Upasana Mukherjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajivpal Kapur*

Rajivpal Kapur, PhD  
Deputy Vice-Chancellor  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify on Coursera.org/verify/CE5F6L78A20H

Coursera has verified the identity of the issuer and the recipient of this certificate in the records.



AMERICAN MUSEUM  
OF NATURAL HISTORY



COURSE  
CERTIFICATE

Issued to:

Upasana Mukherjee

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

on the Coursera platform, created and certified by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera.

Anurag K. Shrivastava  
Director, Center for Ecosystem and Environmental  
Science, American Museum of Natural History



Verify at [coursera.org/verify/ETW0069621HW](https://coursera.org/verify/ETW0069621HW)

Coursera has verified the identity of this individual and their participation in the course.





THE UNIVERSITY  
of EDINBURGH

10th Feb, 2020

**Upasana Mukherjee**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera

*Prof. David G. Hunt*  
*David G. Hunt*

David G. Hunt, Professor of Philosophy, University of Edinburgh, and Executive Director, Centre for Learning Innovation  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/0226410290402](https://coursera.org/verify/0226410290402)

Coursera has authorized the printing of this certificate and does not  
guarantee its accuracy.

# Verified Certificate



This is to certify that

## Upasana Mukherjee

successfully completed and received a passing grade in

### LFS112x: Ethics in AI and Big Data

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

**Clyde Seepersad**

General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued January 22, 2021

Valid Certificate ID  
3371597c87b24b098e4dbdfef6a72b47



# Verified Certificate



This is to certify that

**Upasana Mukherjee**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with  
Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.

---

**Maureen Lonergan**

Director, Training and Certification  
Amazon Web Services (AWS)

---

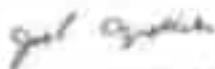


Verified Certificate  
Issued January 25, 2021

Unique Certificate ID  
513085241031430aa88317f2m6455ad8

**Verified  
Certificate**

**W** UNIVERSITY of WASHINGTON



Joel Davidson  
Lecturer, International & English Language Programs  
University of Washington

This is to certify that

Upasana Mukherjee

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued January 20, 2021

Valid Certificate ID:  
086c12e470724e005c20f8ee3807163





COURSE  
CERTIFICATE

2014-01-01

Upasana Mukherjee

has successfully completed

Write Professional Emails in English

an online self-paced course offered by Georgia Institute of Technology and offered through Coursera



  
\_\_\_\_\_  
Name  
ID Number

Verify at [coursera.org/inventory/gatech/certificate](https://coursera.org/inventory/gatech/certificate)  
Issued on 01/01/2014. The validity of this certificate and other  
information is the same.



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Udemy, the Udemy logo, and the Acorn logo are trademarks of Udemy Inc. in the United States and other countries.  
Issued June 2022

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Seelathi Ranganathan, Saanya Schmidt

## Upasana Mukherjee

Date: June 7, 2022

Length: 18.5 total hours

# Verified Certificate

# HarvardX

This is to certify that

**Upasana Mukherjee**

successfully completed and received a passing grade in

**STAT110x: Introduction to Probability**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Joseph W. Murray  
Professor of the Practice of Statistics  
Harvard University



Verified Certificate  
Issued October 24, 2021

Valid Certificate ID:  
E2E77b04e6a60a040e6f9120e0000

https://www.edx.org/certificate/STAT110x/UpasanaMukherjee/2021



AI Assistant



Comment



Highlight



Draw



Text



Fill & Sign



More tools





# Verified Certificate



This is to certify that:

## Upasana Mukharjee

successfully completed and received a passing grade in

### cybfun.10: Cybersecurity Basics

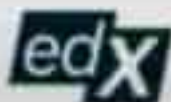
a course of study offered by IBM, an online learning initiative of IBM.

*Corren Ryskamp*

Corren Ryskamp

Program Manager, IBM Security Learning Services

IBM



Verified Certificate

Issued May 12, 2022

Valid Certificate ID

44f064991376446e67x7bc7ee00x20x1



AI Assistant



Comment



Highlight



Draw



Text



Fill & Sign



More tools





# Verified Certificate

This is to certify that

**Upasana Mukherjee**

successfully completed and received a passing grade in

**LFS165x: Introduction to Open Source Networking  
Technologies**

a course of study offered by LinuxFoundationL, an online learning initiative of The Linux Foundation.



A handwritten signature in black ink, appearing to read 'David S. Johnson'.

David S. Johnson

Executive Director, Learning & Certification  
The Linux Foundation



Verified Certificate  
Issued May 24, 2022

Course Identification ID  
LFS165x/IntroductionToNetworking/

# Verified Certificate

This is to certify that

**Upasana Mukherjee**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python Applications on AWS**

a course of study offered by AWS, an online learning initiative of A2O1.



edX  
Massachusetts  
Institute of Technology

Amazon  
AWS Academy  
AWS Training and Certification

The AWS logo, featuring the lowercase letters 'aws' in a bold, black, sans-serif font, with a yellow curved arrow underneath that starts under the 'a' and ends under the 's'.

A handwritten signature in black ink, followed by a horizontal line and the AWS logo.



Certificate no: UC-7bc1b757-9661-4f7c-b9b5-ff4f55c47e48

Certificate url: [ude.my/UC-7bc1b757-9661-4f7c-b9b5-ff4f55c47e48](https://ude.my/UC-7bc1b757-9661-4f7c-b9b5-ff4f55c47e48)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# React JS- Complete Guide for Frontend Web Development [2023]

Instructors **EdYoda Digital University, Qaifi Khan, Mavludin Abdulkadirov**

## Dipanjan Roy

Date **April 15, 2023**

Length **22 total hours**



Certificate no: UC-23de3a5c-09aa-4b77-8eb0-545fc06810ed  
Certificate url: [ude.my/UC-23de3a5c-09aa-4b77-8eb0-545fc06810ed](https://ude.my/UC-23de3a5c-09aa-4b77-8eb0-545fc06810ed)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Management Consulting Essential Training

Instructors **John Burress**

## Dipanjan Roy

Date **April 15, 2023**

Length **9 total hours**



Certificate no: UC-1bf247e2-25b5-4f1b-82ed-27ede744613b

Certificate url: [ude.my/UC-1bf247e2-25b5-4f1b-82ed-27ede744613b](https://ude.my/UC-1bf247e2-25b5-4f1b-82ed-27ede744613b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting & Content Marketing Course: Be a Pro Copywriter

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, Beck Robertson, SEO, Facebook Ads & Digital Marketing Academy**

## Dipanjan Roy

Date **June 14, 2022**

Length **17 total hours**





Certificate no: UC-a29b3d70-d32a-4a45-933c-cd079c2dca75

Certificate url: [ude.my/UC-a29b3d70-d32a-4a45-933c-cd079c2dca75](https://ude.my/UC-a29b3d70-d32a-4a45-933c-cd079c2dca75)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# YouTube Masterclass Training - 2019 in Hindi/Urdu - Sarfaraz

Instructors **Sarfaraz abro**

## Dipanjan Roy

Date **June 14, 2022**

Length **16 total hours**



Certificate no: UC-9b0ebb45-280b-44dd-861a-3bd9d1957b63  
Certificate url: [ude.my/UC-9b0ebb45-280b-44dd-861a-3bd9d1957b63](https://ude.my/UC-9b0ebb45-280b-44dd-861a-3bd9d1957b63)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Power BI DAX: Aprende las funciones más avanzadas

Instructors **Numpi Cursos**

## Dipanjan Roy

Date **June 14, 2022**

Length **9 total hours**



Certificate no: UC-a1506ca2-b3b6-43d6-a0da-14353bfb482

Certificate url: [ude.my/UC-a1506ca2-b3b6-43d6-a0da-14353bfb482](https://udemy.com/certificate/UC-a1506ca2-b3b6-43d6-a0da-14353bfb482)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sell More: Facebook Ads & Instagram Ads for E-Commerce 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy**

**Dipanjan Roy**

Date **June 14, 2022**

Length **12.5 total hours**





Certificate no: UC-c3976e08-40ea-44a3-961b-1b058bdb480d  
Certificate url: [ude.my/UC-c3976e08-40ea-44a3-961b-1b058bdb480d](https://ude.my/UC-c3976e08-40ea-44a3-961b-1b058bdb480d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2022

Instructors **Web Coding**

**Dipanjan Roy**

Date **June 14, 2022**

Length **8.5 total hours**



Certificate no: UC-e6fadec5-f1fb-40d3-9c31-38ea545dc967  
Certificate url: [ude.my/UC-e6fadec5-f1fb-40d3-9c31-38ea545dc967](https://ude.my/UC-e6fadec5-f1fb-40d3-9c31-38ea545dc967)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xamarin básico: Una introducción al SDK de Microsoft

Instructors **Academia Apps,Codigo 369**

**Dipanjan Roy**

Date **June 14, 2022**

Length **16.5 total hours**





Certificate no: UC-b55f1ac9-b859-4609-adc5-6972949d77f8

Certificate url: [ude.my/UC-b55f1ac9-b859-4609-adc5-6972949d77f8](https://www.udemy.com/certificate/UC-b55f1ac9-b859-4609-adc5-6972949d77f8/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Complete Master Course (Updated to C# 10)

Instructors **Driss CHARQI**

## Dipanjan Roy

Date **April 30, 2023**

Length **20.5 total hours**



Certificate no: UC-9a1781c8-81eb-49f0-9e35-273bdf38ed41

Certificate url: [ude.my/UC-9a1781c8-81eb-49f0-9e35-273bdf38ed41](https://ude.my/UC-9a1781c8-81eb-49f0-9e35-273bdf38ed41)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Depression - and Depression Relief

Instructors **Chris Sivewright**

## Sagnik Mandal

Date **March 31, 2024**

Length **36 total hours**



Certificate no: UC-6dabe2c4-a534-4c34-a4a0-0532af2b47d9

Certificate url: [ude.my/UC-6dabe2c4-a534-4c34-a4a0-0532af2b47d9](https://ude.my/UC-6dabe2c4-a534-4c34-a4a0-0532af2b47d9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Django, Postgres y Angular | Integracion Fullstack

Instructors **Vaxi Drez**

## Sagnik Mandal

Date **May 26, 2023**

Length **21 total hours**



Certificate no: UC-c10d62cd-d92d-4c12-acf0-8c673fc8e968

Certificate url: [ude.my/UC-c10d62cd-d92d-4c12-acf0-8c673fc8e968](https://udemy.com/certificate/UC-c10d62cd-d92d-4c12-acf0-8c673fc8e968)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Games Development With libGDX | Create 5 Games

Instructors **Martin Yanev, Plamen Yanev**

## Sagnik Mandal

Date **May 26, 2023**

Length **11.5 total hours**





Certificate no: UC-2b66c1a6-5831-40f2-ad60-d1787755d866

Certificate url: [ude.my/UC-2b66c1a6-5831-40f2-ad60-d1787755d866](https://ude.my/UC-2b66c1a6-5831-40f2-ad60-d1787755d866)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# WordPress Mastery: Learn How to Build & Monetize Websites

Instructors **Lekanzee Institute**

## Sagnik Mandal

Date **May 26, 2023**

Length **12 total hours**





Certificate no: UC-8c33ddd1-6539-47c2-aae7-432a7adabd83

Certificate url: [ude.my/UC-8c33ddd1-6539-47c2-aae7-432a7adabd83](https://ude.my/UC-8c33ddd1-6539-47c2-aae7-432a7adabd83)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP with MySQL 2023: Build Amazing Streaming Service

Instructors **Web Coding**

## Sagnik Mandal

Date **May 26, 2023**

Length **9 total hours**



Certificate no: UC-13868492-383c-4c86-9408-1cb52ddf5fc7

Certificate url: [ude.my/UC-13868492-383c-4c86-9408-1cb52ddf5fc7](https://ude.my/UC-13868492-383c-4c86-9408-1cb52ddf5fc7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The C++ Learning Guide

Instructors **Hassan Fulaih**

## Sagnik Mandal

Date **May 26, 2023**

Length **10 total hours**

# MICHIGAN STATE UNIVERSITY

02 • Fall • 2022

## SAGNIK MANDAL

has successfully completed

### Write Your First Novel

an online non-credit course authorized by Michigan State University and offered through  
Coursera



David Wheeler  
Director, Media 24/7  
Department of Media and Information

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/USbyC8C093vF7>

Coursera has validated the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 17, 2021

## Sagnik Mandal

has successfully completed

### Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9QFN0S3D0DU?](https://coursera.org/verify/9QFN0S3D0DU?)

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 9, 2022

**Sagnik Mandal**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/5X4D60DFVU>

Coursera has verified the identity of this individual and their participation in the course





Certificate no: UC-899c4ece-2d7b-486f-843c-7cdc52c564db

Certificate url: [udemy.com/UC-899c4ece-2d7b-486f-843c-7cdc52c564db](https://udemy.com/UC-899c4ece-2d7b-486f-843c-7cdc52c564db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Sagnik Mandal

Date **March 31, 2024**

Length **21 total hours**

2<sup>ND</sup> YEAR

LATERAL

ENTRY



Certificate no: UC-acd190e8-0bbc-4f98-8f92-739643b3d713

Certificate url: [ude.my/UC-acd190e8-0bbc-4f98-8f92-739643b3d713](https://ude.my/UC-acd190e8-0bbc-4f98-8f92-739643b3d713)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on Training

Instructors **Easy learning**

## Subham Nandi

Date **April 4, 2024**

Length **10.5 total hours**



Certificate no: UC-7fd6060f-7c88-441d-9ed5-7de9d71ca725

Certificate url: [ude.my/UC-7fd6060f-7c88-441d-9ed5-7de9d71ca725](https://ude.my/UC-7fd6060f-7c88-441d-9ed5-7de9d71ca725)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C to Learn Programming Technique : C to Master Skills

Instructors **Sandeep Thakur**

## **Subham Nandi**

Date **March 15, 2024**

Length **17 total hours**





Certificate no: UC-77c72245-7be0-46b8-b3ec-3aef6ce55d6f

Certificate url: [ude.my/UC-77c72245-7be0-46b8-b3ec-3aef6ce55d6f](https://ude.my/UC-77c72245-7be0-46b8-b3ec-3aef6ce55d6f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2024

Instructors **Hemanth kumar**

## Subham Nandi

Date **April 2, 2024**

Length **17 total hours**





Certificate no: UC-676bf26c-eb25-4a8f-9183-8dfd9a2546b4

Certificate url: [ude.my/UC-676bf26c-eb25-4a8f-9183-8dfd9a2546b4](https://ude.my/UC-676bf26c-eb25-4a8f-9183-8dfd9a2546b4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Subham Nandi

Date **April 5, 2024**

Length **26 total hours**



Certificate no: UC-eba2d9ed-6def-4310-bc01-eff6f2a319ec  
Certificate url: [ude.my/UC-eba2d9ed-6def-4310-bc01-eff6f2a319ec](https://ude.my/UC-eba2d9ed-6def-4310-bc01-eff6f2a319ec)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2024

Instructors **Hemanth kumar**

## Surajit Bairagya

Date **May 8, 2024**

Length **17 total hours**



Certificate no: UC-975a7602-03c1-44cd-86d9-3e09d9f3923c  
Certificate url: [ude.my/UC-975a7602-03c1-44cd-86d9-3e09d9f3923c](https://ude.my/UC-975a7602-03c1-44cd-86d9-3e09d9f3923c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 C Programming Bootcamp - The Complete C Language Course

Instructors **Surendra Varma Pericherla**

**Surajit Bairagya**

Date **May 7, 2024**

Length **12 total hours**





Certificate no: UC-c4833ba9-6bee-486f-9e38-75f8234e15b8

Certificate url: [udemy.com/UC-c4833ba9-6bee-486f-9e38-75f8234e15b8](https://udemy.com/UC-c4833ba9-6bee-486f-9e38-75f8234e15b8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SaaS Marketing with Dekker: SaaS Startup Lead Generation

Instructors **Dekker Fraser, MBA**

**Surajit Bairagya**

Date **May 9, 2024**

Length **17.5 total hours**



Certificate no: UC-497082f6-900a-46ac-9efd-e3c4d1189dcb

Certificate url: [ude.my/UC-497082f6-900a-46ac-9efd-e3c4d1189dcb](https://ude.my/UC-497082f6-900a-46ac-9efd-e3c4d1189dcb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting with Dekker: The Only Copy Course You Ever Need!

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Surajit Bairagya

Date **May 10, 2024**

Length **16 total hours**





Certificate no: UC-b86c9c28-61d5-43f1-b9eb-0e9084c8814f

Certificate url: [ude.my/UC-b86c9c28-61d5-43f1-b9eb-0e9084c8814f](https://ude.my/UC-b86c9c28-61d5-43f1-b9eb-0e9084c8814f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Project for Project Manager & Civil Engineers - MSP

Instructors **Akshay Kamath**

**Surajit Bairagya**

Date **May 11, 2024**

Length **23 total hours**



Certificate no: UC-587a0276-7f29-40c8-b0c3-a0f57bb84696  
Certificate url: [ude.my/UC-587a0276-7f29-40c8-b0c3-a0f57bb84696](https://ude.my/UC-587a0276-7f29-40c8-b0c3-a0f57bb84696)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software Architecture and Clean Code Design in OOP

Instructors **Andrii Piatakha, Learn IT University**

**Surajit Bairagya**

Date **May 11, 2024**

Length **34.5 total hours**



DATE ISSUED

**Anjita Darnal**

has successfully completed

**Introduction to Generative AI**

and has earned credit hours authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/en/certificates>  
Coursera has verified the identity of the individual and the  
authenticity of this course



By awarding

**ANJITA DARNAL**

has successfully completed

**Python for Data Science, AI & Development**

an IBM-accredited course authorized by IBM and offered through Coursera.

Anjita Darnal  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/077110726242>

Coursera has confirmed the identity of the individual and the  
authenticity of this record.

coursera  
project  
network

May 19, 2018

**Anjita Darnal**

has successfully completed

**CFD Simulation Through a Centrifugal Pump**

an online learning project authorized by Coursera Project Network and offered through  
Coursera

*ANJITA DARNAL*

Head, School  
Education Commission  
Mechanical Engineer

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/certificates/111740531902>

Coursera Project Network is a division of the Education and We  
are committed to the growth of the global workforce.



**coursera**  
project  
network

May 19, 2018

**Anjita Darnal**

has successfully completed

**Introduction to Data Analysis using Microsoft Excel**

an online non-credit program authorized by Coursera Project Network and offered through  
Coursera

**Paula Del Rey**

has successfully  
completed

**PROJECT  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/PROJECTCERTIFICATE>

Coursera has verified the identity of the individual who  
participated in the program



coursera  
project  
network

May 14, 2019

**Anjita Darnal**

has successfully completed

**Google Ads for Beginners**

an official certificate project authorized by Coursera Project Network and offered through  
Coursera.

*Binah*

Director  
Marketing Through Paid Media  
Coursera

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/certificates/129F54177A22>

Coursera has verified the identity of the individual and their  
participation in the project.

**coursera**  
project  
network

May 19, 2018

**Anjita Darnal**

Successfully completed

**Build a Full Website using WordPress**

awarded this credit project completed by Coursera Project Network and assessed through  
Classmate

*Stacy Shanklin Langford*

Senior Director, Learning  
Product Management  
Specialty Learning Group

**PROJECT  
CERTIFICATE**



19 of 21

<https://www.coursera.org/certificates/2372588710>

Coursera has confirmed the identity of the individual who has  
participated in this project

**coursera**  
project  
network

May 14, 2013

**Anjita Darnal**

Successfully completed

**Introduction to Microsoft Excel**

an official credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Seay  
Project Administrator  
Specialist Learning Center

**PROJECT  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/PROJECTCERTIFICATE>

Coursera has validated the identity of the individual who has  
achieved this project.





Certificate ID: UC-949244-2022-478c-4464-42b07b-0309  
Certificate URL: udemy/certificate/949244-2022-478c-4464-42b07b-0309  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors: Horizon Tech

**Subham Bhowmick**

Date: April 30, 2022

Length: 8 total hours



Certificate no: UC-901349 to: Subh Bhowmick 2077648912  
Certificate url: udemy/certificate/UC-901349 to: Subh Bhowmick 2077648912  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Neural Networks in Python: Deep Learning for Beginners

Instructors: Start-Tech Academy

**Subham Bhowmick**

Date: May 18, 2023

Length: 9.5 total hours



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUBHAM BHOWMICK**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **43** %

Online Assignments	13.29/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S43870182

To validate the certificate



No. of credits recommended: 2 or 3



May 26, 2017

Soumadeep Chakraborty

has successfully completed

Programming for Everybody (Getting Started with Python)

an online course credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles A. Severance  
Clark G. Perkins, Jr. Endowed Professor  
Department of Computer Science  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/RS2WZ23ANM6C>  
Coursera has confirmed the identity of the individual and their participation in this course.



**4TU.** Center for Ethics  
and Technology

May 26, 2022

**Soumadeep Chakraborty**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
2022 has been offered through Coursera

Jeroen van Boven  
Executive Director  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



94175 41  
<https://coursera.org/verify/CINAR7SOUEUS>  
Coursera has confirmed the identity of the student and their  
participation in this course







Jan 01, 2021

**Ankan Kumar Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
Executive School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7E2TAWL31QGW](https://coursera.org/verify/7E2TAWL31QGW)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

100-201-1000

Ankan Kumar Mondal

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre McGee, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Waiyer, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/P2NWX233WPC](https://coursera.org/verify/P2NWX233WPC)

Coursera has certified the identity of this individual and their  
participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



6 Feb. 2021

Ankan Kumar Mondal

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Amy Lee Pomeroy  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/2EGWIK753HMI](https://coursera.org/verify/2EGWIK753HMI)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2019

Ankan Kumar Mondal

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/MS2RA776rUDW](https://coursera.org/verify/MS2RA776rUDW)

Coursera has confirmed the identity of this individual and their  
participation in the course.





University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

25 Jan. 2022

**Ankan Kumar Mondal**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

**Matthew Korschmann**

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/vvj2RMEVAT8J](https://coursera.org/verify/vvj2RMEVAT8J)

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Ankan Kumar Mondal**

successfully completed and received a passing grade in

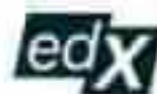
**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of  
IBM.

Joseph Santarone

Data Scientist

IBM



Verified Certificate

Issued January 23, 2021

Valid Certificate ID

0b2dbd8945c74c9fa9b926af4027b873



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

26 Jun. 2022

Ankan Kumar Mondal

has successfully completed

Code Yourself! An Introduction to Programming

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr Anis Mondal  
School of Informatics  
The University of Edinburgh

Dr Luis Varela  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/HM3REBLQLW9Q](https://coursera.org/verify/HM3REBLQLW9Q)

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Lanergan".

**Maureen Lanergan**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Ankan Kumar Mondal**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and Deploying an  
Internet of Things**

a course of study offered by AWS, an online learning initiative  
of AWS.



**Verified Certificate**  
Issued January 23, 2021

**Valid Certificate ID**  
[8534af31450a4c1083d92d38fba40e5f](#)

# **M** UNIVERSITY OF MICHIGAN

12 Jan, 2022

Ankan Kumar Mondal

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/014D080MHC2NY>

Coursera has authorized the identity of this individual and their participation in the course



# Verified Certificate



Clyde Despresant  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Ankan Kumar Mondal**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 21, 2022

Valid Certificate ID  
0fe666b0f1a4f97863cd8f50b116485



26 Mar. 2023

Ankan Kumar Mondal

has successfully completed

Preparing for Your Professional Cloud Security  
Engineer Journey

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/NB8UXZ0A36W>

Coursera has confirmed the identity of this individual and their participation in the course.



18 Mar. 2023

Ankan Kumar Mondal

has successfully completed

Google Cloud Fundamentals: Core Infrastructure

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/70U920r5uH939>

Coursera has validated the identity of 194 individuals and their participation in the course



4 Apr, 2023

Ankan Kumar Mondal

has successfully completed

Networking in Google Cloud: Defining and  
Implementing Networks

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/EDC48EYTAGU>

Coursera has confirmed the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
of EDINBURGH

Jan 01, 2021

**SOURYADIP ACHARJEE**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Gauthier, Prof. Robert M. C. White  
Prof. Robert M. C. White, Prof. Robert M. C. White  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SFY92MHLD3LV](https://coursera.org/verify/SFY92MHLD3LV)

Coursera has certified the identity of this individual and their  
participation in the course.





# Georgia Institute of Technology

Dec 23, 2020

**SOURYADIP ACHARJEE**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/NAV5X9523WJH](https://coursera.org/verify/NAV5X9523WJH)

Coursera has confirmed the identity of this individual and their participation in the course.

Jul 22, 2023

**SOURYADIP ACHARJEE**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cottrell, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Puzos, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Industry

Verify at [coursera.org/verify/ENTAXNWQCU12](https://coursera.org/verify/ENTAXNWQCU12)

Coursera has verified the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Jul 22, 2023

**SOURYADIP ACHARJEE**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/96VMJ396ZT7Y](https://coursera.org/verify/96VMJ396ZT7Y)

Coursera has certified the identity of this individual and their participation in the course.



11th Jul, 2022

**Souryadip Acharjee**

has successfully completed

**The Bits and Bytes of Computer Networking**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:  
<https://coursera.org/verify/8VATM2H2P252>

Coursera has verified the identity of this individual and their participation in the course.

# Stanford | ONLINE

Jan 7, 2023

Souryadip Acharjee

has successfully completed

Divide and Conquer, Sorting and Searching, and  
Randomized Algorithms

an online non-credit course authorized by Stanford University and offered through  
Coursera.



Tim Roughgarden  
Adjunct Professor of Computer Science  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT  
EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THE PARTICIPANT WOULD  
ENROLL AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY IT DOES NOT CONFER A STANFORD  
UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ETCEW78R9QAW>

Coursera has confirmed the identity of this individual and their participation in the course.





May 16, 2022

**Souryadip Acharjee**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/T376EG1680UC>

Coursera has confirmed the identity of this individual and their participation in the course.



# RICE UNIVERSITY

Apr 30, 2022

## Souryadip Acharjee

has successfully completed

### Python Programming Essentials

an online non-credit course authorized by Rice University and offered through Coursera

Scott Brinker  
Vice President  
Dept. of Computer Science  
Rice University

Jim Warren  
Professor  
Dept. of Computer Science  
Rice University

## COURSE CERTIFICATE



Verify at:  
<https://coursera.org/verify/EMO75gR88vU>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-29ed6d38-bc60-4872-b9e2-1bd2f044edbf  
Certificate url: [ude.my/UC-29ed6d38-bc60-4872-b9e2-1bd2f044edbf](https://ude.my/UC-29ed6d38-bc60-4872-b9e2-1bd2f044edbf)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructors **Arbaz Khan**

**Souryadip acharjee**

Date **May 4, 2023**

Length **13 total hours**



Certificate no: UC-104f4ae7-ed2d-49b2-891f-c02e288f69b4

Certificate url: [ude.my/UC-104f4ae7-ed2d-49b2-891f-c02e288f69b4](https://ude.my/UC-104f4ae7-ed2d-49b2-891f-c02e288f69b4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Interview Oriented Data Structure Arrays & Linked List C|C++

Instructors **Sonali Shrivastava**

## **Souryadip acharjee**

Date **May 4, 2023**

Length **16.5 total hours**



Apr 25, 2023

**Souryadip Acharjee**

has successfully completed

**Technical Support Fundamentals**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:  
<https://coursera.org/verify/P2XC62896H1/5>

Coursera has verified the identity of this individual and their participation in the course.



**Verified**  
Certificate



Joseph Bantarcangelo  
Data Scientist

IBM

This is to certify that

**SOURYADIP ACHARJEE**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued April 29, 2022

Valid Certificate ID  
[eb413c2e905a408c8d0e0712bdeffa21](#)



# UNIVERSITY OF LONDON

May 1, 2022

**Souryadip Acharjee**

has successfully completed

**Introduction to Computer Programming**

an online non-credit course authorized by University of London and Goldsmiths,  
University of London and offered through Coursera

Dr Edward Azavedo  
Associate Lecturer  
Computing, Goldsmiths

Dr Simon Fritton  
Lecturer  
Computing, Goldsmiths

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/S2MT9627358>

Coursera has verified the identity of this individual and their participation in the course



Jan 25, 2022

**SOURYADIP ACHARJEE**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/BCGESP98MBJ5](https://coursera.org/verify/BCGESP98MBJ5)

Coursera has certified the identity of this individual and their participation in the course.

## Statement of participation

# SOHAM Patsa

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 24 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification. This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-2>

**COURSE CODE:** ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in Information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good, bad, right or wrong?*

#### Section 2

*It's not all Greek to me!*

#### Section 3

*Relationships, emotions and ethics*

#### Section 4

*Ethics everyday*

#### Section 5

*Landscape with Weapon: an allegory*

#### Section 6

*Conclusion*

#### Section 7

*Summary*







AMERICAN MUSEUM  
OF NATURAL HISTORY



01-Feb-2021

**Sudhir Mondal**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Amy Lee Pomeroy  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/YT2XERW47G6S](https://coursera.org/verify/YT2XERW47G6S)

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 6, 2020

**Sudhir Mondal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/FD4J2NGZ45Q4](https://coursera.org/verify/FD4J2NGZ45Q4)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

20 JUN 2022

**Sudhir Mondal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CJPN7QNS2HP](https://coursera.org/verify/CJPN7QNS2HP)

Coursera has certified the identity of this individual and their  
participation in the course.

# Verified Certificate



This is to certify that

**Sudhir Mondal**

successfully completed and received a passing grade in

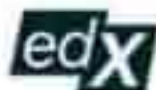
**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santarone

Data Scientist

IBM



Verified Certificate  
Issued January 23, 2021

Valid Certificate ID  
[d787c215a43e462a839d1fa6b301e9f0](https://courses.edx.org/certificates/d787c215a43e462a839d1fa6b301e9f0)





University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jan 25, 2022

**Sudhir Mondal**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

**Matthew Korschmann**

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/QNETUGAHTWFB](https://coursera.org/verify/QNETUGAHTWFB)

Coursera has verified the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

Jan 26, 2022

**Sudhir Mondal**

has successfully completed

**Code Yourself! An Introduction to Programming**

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Amit Mandal  
School of Informatics  
The University of Edinburgh

Dr. Luis Varela  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/KPWG4ZDA12V4](https://coursera.org/verify/KPWG4ZDA12V4)

Coursera has certified the identity of this individual and their participation in the course.

**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Shantanu Jain".

Shantanu Jain  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Sudhir Mondal**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
issued January 25, 2021

Valid Certificate ID  
25148828acc5447096722c0be0b72d8

# Verified Certificate



Anil Kulkarni  
AI and Data Science Program Director  
IBM

This is to certify that

**Sudhir Mondal**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
issued January 21, 2021

Valid Certificate ID  
e21d6b3b226c4578537e40a29612f6da

*Faculty*

*Signature*

Gregory R. Anig Research Professor of Educational Leadership  
Harvard University

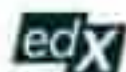
This is to certify that

**Sudhir Mondal**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
issued January 23, 2021

Valid Certificate ID  
2ba842a750794702e745bc09a285c0d2



# Verified Certificate



Clyde Despresant

SVP & General Manager, Training & Certification

The Linux Foundation

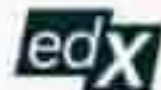
This is to certify that

**Sudhir Mondal**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 21, 2022

Valid Certificate ID  
[63488524477d4c6d81fb0f19cb3a503b](https://courses.edx.org/certificates/63488524477d4c6d81fb0f19cb3a503b)

# **M** UNIVERSITY OF MICHIGAN

12-Jan-2022

## Sudhir Mondal

has successfully completed

### Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/GYCZHLZMA0TG>

Coursera has confirmed the identity of this individual and their participation in the course



25-Mar-2023

**Sudhir Mondal**

has successfully completed

**Preparing for Your Professional Cloud Security Engineer Journey**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/GZEDA40M578G>

Coursera has confirmed the identity of this individual and their participation in the course.



28-Mar-2023

**Sudhir Mondal**

has successfully completed

**Google Cloud Fundamentals: Core Infrastructure**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/F8HUSFRAPCT9>

Coursera has confirmed the identity of this individual and their participation in the course.



11-Apr-2023

**Sudhir Mondal**

has successfully completed

**Networking in Google Cloud: Defining and  
Implementing Networks**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/GD2NEB5G8ST>

Coursera has authorized the identity of this individual and their participation in the course





22-Jun-2021

**Sudhir Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/HTNKKZD/vVAQ2K](https://coursera.org/verify/HTNKKZD/vVAQ2K)

Coursera has certified the identity of this individual and their participation in the course.



Certificate no. UC-Certificates-2024-4382 with ID: 1731661628  
Certificate no. UC-Certificates-2024-4382 with ID: 1731661628  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: ANDRII SVIATOBATKO

**Ruchira Roy**

Date: April 18, 2024

Length: 8.5 total hours



Certificate of Completion for the course Python And Flask Demonstrations Practice  
Certificate of Completion for the course Python And Flask Demonstrations Practice  
February Number 2024

CERTIFICATE OF COMPLETION

# **Python And Flask Demonstrations Practice Course**

Instructors **Horizon Tech**

**Ruchira Roy**

Date **April 19, 2024**

Length **8 total hours**



Certificate ID: 796542604664643434567890  
Certificate ID: 796542604664643434567890  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: *Logos Academy*

**Ruchira Roy**

Date: *April 4, 2024*

Length: *77 total hours*



Certificate ID: UC-B46766-2024-0422-0424-00000  
Certificate URL: <https://www.udacity.com/certificate/UC-B46766-2024-0422-0424-00000>  
Issuance Number: 2024

CERTIFICATE OF COMPLETION

# iOS, Swift & SwiftUI - Complete iOS App Development

Instructors: ROLAN MARAT

**Ruchira Roy**

Date: April 22, 2024

Length: 21 total hours





Certificate no: UD-CERT-2024-05-25-123456789  
Course no: UD-COURSE-2024-05-25-123456789  
Enrollment no: UD-ENROLL-2024-05-25-123456789

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructor: Arbaz Khan

**Pawan kumar ram**

Date: May 25, 2024

Length: 12 total hours



THE UNIVERSITY  
of EDINBURGH

May 25, 2024

Pawan KUMAR RAM

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

*Prof. Duncan Pritchard, Gillian Triggs, Matthew Crumey, Allan Waters, Michael Stenner, Alexander Richmond*

Prof. Duncan Pritchard, Gillian Triggs, Matthew Crumey, Allan Waters, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/certificate/2XWALHGGF2T82>

Coursera has verified the identity of this individual and their participation in the course.



**UC** | Chile

May 25, 2024

**Pawan KUMAR RAM**

has successfully completed

**English for Common Interactions in the  
Workplace: Basic Level**

an online non-credit course authorized by Pontificia Universidad Católica de Chile and  
offered through Coursera

James Gilman  
Building Director and Coordinating Officer Director

Paula Alejandra Vera Arce  
Senior Academic Director of Academic Programs  
Head of Program

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8158820ACE>

Coursera has confirmed the identity of this individual and their participation in the course



May 7, 2022

**Srishti Ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificate/DEAVEG8V72A>

Coursera has confirmed the identity of this individual and their participation in the course.

May 13, 2022

**Srishti Ghosh**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Laddenti, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Puzosinski, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Industry

Verify at:  
<https://coursera.org/verify/SE2U7RL654463>

Coursera has validated the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 22, 2021

**Srishti Ghosh**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/4f8b10805b0477>

Coursera has validated the identity of this individual and their participation in the course



# Georgia Institute of Technology

Dec 17, 2021

**Srishti Ghosh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/vr8783247x7896>

Coursera has validated the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

Apr 27, 2023

# Srishti Ghosh

has successfully completed

## The Data Scientist's Toolbox

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Jeff Leek, PhD, Roger Perry, PhD, Brian Caffo, PhD  
Department of Biostatistics  
Johns Hopkins Bloomberg School of Public Health

Verify at:  
[coursera.org/verify/OUH5846R4V5C](https://coursera.org/verify/OUH5846R4V5C)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between the learner and JHU (word) or  
register this learner at JHU or in any course offered by JHU or enable this learner to access or use resources beyond the online courses provided by Coursera.



Apr 2, 2023

**Srishti Ghosh**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM Skills Network and offered through  
Coursera

Raj Arora  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/HF8C5tV6V7z>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Nov 8, 2022

**Srishti Ghosh**

has successfully completed

**Introduction to Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/68A732V8CCTC>

Coursera has verified the identity of this individual and their participation in the course.





Certificate no: UC-673694c9-7c4e-47d4-8f0a-2da58bf27b1d

Certificate url: [ude.my/UC-673694c9-7c4e-47d4-8f0a-2da58bf27b1d](https://ude.my/UC-673694c9-7c4e-47d4-8f0a-2da58bf27b1d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Computer Forensics and Digital Forensics Masterclass 2023+

Instructors **OCSALY Academy** | 190.000+ Students

## CE Srishti Ghosh

Date **April 30, 2023**

Length **16 total hours**



Certificate no: UC-1f186a35-4455-49bd-a291-e97c094a0f6b

Certificate url: [ude.my/UC-1f186a35-4455-49bd-a291-e97c094a0f6b](https://ude.my/UC-1f186a35-4455-49bd-a291-e97c094a0f6b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

## **CE Srishti Ghosh**

Date **April 30, 2023**

Length **12 total hours**



Certificate no: UC-1056dcb5-feaf-43f2-98cf-b0111d9fe16d  
Certificate url: [ude.my/UC-1056dcb5-feaf-43f2-98cf-b0111d9fe16d](https://ude.my/UC-1056dcb5-feaf-43f2-98cf-b0111d9fe16d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**CE Srishti Ghosh**

Date **April 30, 2023**

Length **8 total hours**





# Virtual Internship Completion Certificate

This is to certify that

**Sayan Sarkar**

Hooghly Engineering & Technology College

has successfully completed 10 weeks

**AI-ML Virtual Internship**

during December 2022 - February 2023

Supported By  **aws** academy



**Shri Buddha Chandrasekhar**  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE



**Dr. Satya Ranjan Biswal**  
Chief Technology Officer (CTO)  
EduSkills





Certificate no: UC-af66a208-ea01-4454-a029-a13393c9ef39

Certificate url: [ude.my/UC-af66a208-ea01-4454-a029-a13393c9ef39](https://ude.my/UC-af66a208-ea01-4454-a029-a13393c9ef39)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Sayan Sarkar

Date **May 28, 2023**

Length **10 total hours**





Certificate no: UC-bb5bfd63-af49-4297-ac73-4eb1318ccacc  
Certificate url: [ude.my/UC-bb5bfd63-af49-4297-ac73-4eb1318ccacc](https://ude.my/UC-bb5bfd63-af49-4297-ac73-4eb1318ccacc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Employee CyberSecurity Awareness First Line of Defense

Instructors **CyberProStudy Ltd.**

## Sayan Sarkar

Date **May 27, 2023**

Length **8 total hours**



Certificate no: UC-165cf981-15fb-4256-9f66-e62ba74f0152

Certificate url: [ude.my/UC-165cf981-15fb-4256-9f66-e62ba74f0152](https://ude.my/UC-165cf981-15fb-4256-9f66-e62ba74f0152)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate Front-End Bootcamp: CSS, Bootstrap, JQ, JS, React

Instructors **YouAccel Training**

## Sayan Sarkar

Date **May 27, 2023**

Length **17.5 total hours**



Certificate no: UC-d0a068ba-a264-4e80-b378-14712aea25c6

Certificate url: [ude.my/UC-d0a068ba-a264-4e80-b378-14712aea25c6](https://ude.my/UC-d0a068ba-a264-4e80-b378-14712aea25c6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Introduction into Digital Advertising: All in 1

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Sayan Sarkar

Date **May 27, 2023**

Length **25 total hours**



# Georgia Institute of Technology

Feb 2, 2022

**ANKUSH KHAMARU**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/6H092A852jvA](https://coursera.org/verify/6H092A852jvA)

Coursera has confirmed the identity of this individual and their participation in the course.





THE UNIVERSITY  
of EDINBURGH

Jan 26, 2022

**ANKUSH KHAMARU**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacLennan, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Wastell, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/RS35E3U2DLAW](https://coursera.org/verify/RS35E3U2DLAW)

Coursera has certified the identity of this individual and their  
participation in the course.





Jan 01, 2021

**ANKUSH KHAMARU**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
Stellar School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UWFNGMWU1X1](https://coursera.org/verify/UWFNGMWU1X1)

Coursera has verified the identity of this individual and their participation in the course.

*John Doe*

Richard Dwyer

Gregory R. Argy Research Professor of Educational Leadership

Harvard University

This is to certify that

**ANKUSH KHAMARU**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



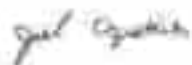
Verified Certificate  
issued January 23, 2021

Valid Certificate ID  
22x19b1z223z490c9u59618u0u5692

# VERIFIED

CERTIFICATE OF ACHIEVEMENT

**W** UNIVERSITY of WASHINGTON



Joel Overholt

Lectures International & Digital Language Programs

University of Washington

This is to certify that

**ANKUSH KHAMARU**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of  
University of Washington



VERIFIED CERTIFICATE  
Issued January 8, 2013

VALID CERTIFICATE ID  
<https://www.washington.edu/online/learning/verified-certificates/>

# Verified Certificate




This is to certify that

**ANKUSH KHAMARU**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Anupam Saha  
Data Scientist  
IBM



Verified Certificate  
Issued July 24, 2021

Valid Certificate ID  
66214eb8e2b3407ad190c1a266016362

**Verified**  
Certificate



A handwritten signature in black ink.

Glynis Stephens  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**ANKUSH KHAMARU**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
issued May 12, 2022

Valid Certificate ID  
690ecb220f364832e56029303e2369c47



# UC San Diego



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY

Jan 27, 2022

## ANKUSH KHAMARU

has successfully completed

### Data Structures

an online non-credit course authorized by University of California San Diego and HSE University and offered through Coursera.

Alexander S. Kulikov, Visiting Professor, Michael Levin, Associate Professor, Neil Rhodes, Adjunct Faculty, Daniel Adlam, Associate Professor, Computer Science and Engineering at the University of California, San Diego

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/IG7P5K5CjZB5P](https://coursera.org/verify/IG7P5K5CjZB5P)

Coursera has certified the identity of this individual and their participation in the course.

Google Digital Garage

ANKUSH KHAMARU

is hereby awarded this certificate of achievement for the successful  
completion of **The Fundamentals of Digital Marketing** certification exam  
on 30/01/2022

*Matt Britic*

President - Google EMEA



*Townsend Pamela Fisher*

CEO - IAB Europe



Certificate no: UC-3285bd36-b056-4444-9aa2-bee805f9a6ca  
Certificate url: [ude.my/UC-3285bd36-b056-4444-9aa2-bee805f9a6ca](https://ude.my/UC-3285bd36-b056-4444-9aa2-bee805f9a6ca)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Ankush Khamaru

Date **May 25, 2022**

Length **19.5 total hours**



Certificate no: UC-bc1d39ad-2d1b-46e5-ac20-32bfa1bbfe5c  
Certificate url: [ude.my/UC-bc1d39ad-2d1b-46e5-ac20-32bfa1bbfe5c](https://ude.my/UC-bc1d39ad-2d1b-46e5-ac20-32bfa1bbfe5c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors **Nick Ovchinnikov**

## **Ankush Khamaru**

Date **Feb. 1, 2023**

Length **17.5 total hours**





Certificate no: UC-d237c394-0309-4354-be81-5d2bda1efd18

Certificate url: [ude.my/UC-d237c394-0309-4354-be81-5d2bda1efd18](https://ude.my/UC-d237c394-0309-4354-be81-5d2bda1efd18)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Azure DevOps CI/CD pipelines

Instructors **Housseem Dellai**

## Ankush Khamaru

Date **Feb. 1, 2023**

Length **13 total hours**





Certificate no: UC-441abd97-abab-43d7-b1dd-6c91624c535f

Certificate url: [ude.my/UC-441abd97-abab-43d7-b1dd-6c91624c535f](https://ude.my/UC-441abd97-abab-43d7-b1dd-6c91624c535f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

## Ankush Khamaru

Date **Feb. 1, 2023**

Length **71.5 total hours**



Udemy Inc. | 2200 California Street, Suite 1000 | San Francisco, CA 94115  
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February 28, 2024

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: Logue Academy

**Rahul Chatterjee**

Date: Feb. 28, 2024

Length: 77 total hours

# Yale

Spring 2014

**Rahul Chatterjee**

Successfully completed

**The Science of Well-Being**

awarded this credit course authorized by Yale University and offered through Coursera.



David G. Myers  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/certificate/WDV3ZF8R0J](https://coursera.org/certificate/WDV3ZF8R0J)

Coursera has verified the identity of the instructor and the authenticity of the course.

This certificate is a property of the Office of the Registrar, Yale University, and is not to be used for any other purpose. It is not to be sold, transferred, or otherwise used in any way. This certificate is not valid if it is used for any other purpose. This certificate is not valid if it is used for any other purpose. This certificate is not valid if it is used for any other purpose.



Apr 19, 2016

Rahul Chatterjee

See accuracy record

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by the University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Chall', written over a horizontal line.

Charles Severack  
Charles Severack, Technical Director  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/C4PZ33CE436>

Coursera has confirmed the identity of the individual and the authenticity of this record.



Certificate for **RAHUL CHATTERJEE** (ID: 8021442) who finished the course  
Python For Data Science A-Z: EDA With Real Exercises In 2024  
on May 22, 2024.

CERTIFICATE OF COMPLETION

# Python For Data Science A-Z: EDA With Real Exercises In 2024

Instructor: **Pruthviraja L**

**Rahul Chatterjee**

Date: **May 22, 2024**

Length: **16 total hours**





THE UNIVERSITY  
of EDINBURGH

to June 2022

**Debmallya Pathak**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Dee Ward, Duncan Pritchard, Gillin Lewis, Matthew Crumey, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/W02JF8505408](https://coursera.org/verify/W02JF8505408)

Coursera has certified the identity of this individual and their  
participation in the course.

# UC San Diego



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY

Nov 20, 2022

## Debmallya Pathak

has successfully completed

### Data Structures

an online non-credit course authorized by University of California San Diego and offered through Coursera.

Alexander S. Kulikov, Visiting Professor, Michael Levin, Associate Professor, Neil Rhodes, Adjunct Faculty, Dental of Base,  
Associate Professor, Computer Science and Engineering at the University of California, San Diego

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/USFV588554TU>

Coursera has verified the identity of this individual and their participation in the course.



Jul 18, 2023

**Debmallya Pathak**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ADKNKLFTN344](https://coursera.org/verify/ADKNKLFTN344)

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 19, 2020

**Debmallya Pathak**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SXVEGUYAGUU?](https://coursera.org/verify/SXVEGUYAGUU?)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



Chyote Swenson  
General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

## LFS151.x: Introduction to Cloud Infrastructure Technologies

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 5, 2024

Valid Certificate ID  
a029f433b092d5e951c0a0d60a22ccc



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Maureen Lonergan".

**Maureen Lonergan**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued November 24, 2021

**Valid Certificate ID**  
[e05466c7805c4f85a638a0b7294006e3](#)

# Verified Certificate



*Green Kishore*  
Green Kishore  
Program Manager, IBM Security Learning Services  
IBM

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

## Cybfun.1.0: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued March 25, 2023

Valid Certificate ID

[17e4625d2e454647ac5e08d3393dd1ec95](#)

# Verified Certificate



Ditya Sengupta  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued March 25, 2023

**Valid Certificate ID**  
247a697b3ca64323b92bb612ab2c5c1a9

**Verified  
Certificate**



This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Clyde Despresant'.

Clyde Despresant  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 1, 2022

Valid Certificate ID  
[5bc1ede2044148e186d05fb1945b113b](#)

# Verified Certificate



UNIVERSITY SYSTEM  
of MARYLAND

A handwritten signature in blue ink, appearing to read "Leela Kulkarni".

Leela Kulkarni  
Lecturer

University of Maryland

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**ENES462x: Marketing Innovative Products and  
Services**

a course of study offered by USMx, an online learning  
initiative of University System of Maryland.



Verified Certificate  
Issued May 7, 2024

Valid Certificate ID

40612672e82840bd8abf69c3d609210e



**Verified**  
Certificate

HarvardX



Richard Emery

Gregory R. Anrig Research Professor of Educational Leadership

Harvard University

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued November 24, 2021

Valid Certificate ID  
[d1e8e589e2af402ea1fe0a83caa11fdb](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Marleen Lorenzen".

Marleen Lorenzen  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued May 14, 2024

Valid Certificate ID  
[811658a9fe3e441bad85a367e9c0f979](#)

# Verified Certificate



Joseph Santarone  
Data Scientist

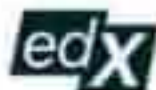
This is to certify that

**Debmallya Pathak**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate

Issued July 18, 2021

Valid Certificate ID

[2e1d303142f49df9e5a27c9428ca514](https://courses.edx.org/certificates/2e1d303142f49df9e5a27c9428ca514)



Udemy Inc. 2200 California Street, Suite 1000, San Francisco, CA 94133  
Certificate ID: udcert-2024-05-09-001234567890  
Awarded: May 9, 2024

CERTIFICATE OF COMPLETION

# 100 Days of Code: A Challenging Complete Python Pro Bootcamp

Instructors: Pruthviraja L

**Debasrita Paul**

Date: May 9, 2024

Length: 29 total hours



Certificate ID: 62701-ea11-4804-8031-3346-49218336166  
Certificate ID: 62701-ea11-4804-8031-3346-49218336166  
Approved August 2024

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors: **Hussain Mustafa, Codestars** • over 2 million students worldwide!

**Debasrita Paul**

Date: **May 12, 2024**

Length: **17 total hours**





**UC | Chile**

01/10/2023

**Debasrita Paul**

00000000000000000000

English for Common Interactions in the  
Workplace (Basic Level)

El presente curso certifica la participación exitosa en el curso de Inglés para Interacciones Comunes en el  
Entorno Laboral (Nivel Básico).

  
Director

  
Coordinador

00000000000000000000

00000000000000000000

COURSE  
CERTIFICATE



UNIVERSIDAD DE CHILE  
UNIVERSITY OF CHILE  
CALLE MONTE ALBA 1600, SANTIAGO, CHILE  
TEL: +56 2 2344 3000 FAX: +56 2 2344 3001  
WWW.UCHILE.CL



THE UNIVERSITY  
of EDINBURGH

1994-2014

**Debasrita Paul**

has successfully completed

**Introduction to Philosophy**

as a condition for admission to the Honours Programme in Philosophy

*Debasrita Paul*  
*Debasrita Paul*

The University of Edinburgh, School of Philosophy, George Square, Edinburgh, Scotland

Signature of Student

Signature of Tutor

COURSE  
CERTIFICATE



UNIVERSITY OF EDINBURGH  
SCHOOL OF PHILOSOPHY  
100 George Square, Edinburgh, Scotland



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

has earned a certificate

**Sanghita Kundu**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

**Matthew Korschmann**

Matthew A. Korschmann, PhD  
Associate Professor

Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UFOR5YFGZ5H3](https://coursera.org/verify/UFOR5YFGZ5H3)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 6, 2020

**Sanghita Kundu**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/EYF2BFF79J87](https://coursera.org/verify/EYF2BFF79J87)

Coursera has confirmed the identity of this individual and their  
participation in the course.



July 2, 2022

**Sanghita Kundu**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/575H32L0D9EQ](https://coursera.org/verify/575H32L0D9EQ)

Coursera has certified the identity of this individual and their participation in the course.





THE UNIVERSITY  
of EDINBURGH

Jan 19, 2022

**Sanghita Kundu**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacLennan, Duncan Pritchard, Gillian Lynch, Matthew Crummin, Allan Hahnel, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/55WC09F7QK74](https://coursera.org/verify/55WC09F7QK74)

Coursera has verified the identity of this individual and their  
participation in the course.



Jan 26, 2022

**Sanghita Kundu**

has successfully completed

**Object-Oriented C++: Inheritance and Encapsulation**

an online non-credit course authorized by Codio and offered through Coursera

Evan Mackinnon, Curriculum Developer, Codio  
Arsh Le, Curriculum Developer, Codio  
Eliot Detrick, PhD VP of Product, Codio

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4ETPRGCTM72>

Coursera has verified the identity of this individual and their participation in the course

# Verified Certificate



UNIVERSITY SYSTEM  
of MARYLAND

Lata Kulkarni  
Lecturer

University of Maryland

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**ENES462x: Marketing Innovative Products and Services**

a course of study offered by USMx, an online learning initiative of University System of Maryland.



Verified Certificate  
Issued May 7, 2024

Valid Certificate ID

[3a3b5e5cf8a2433a966f71657da635a1](#)

# Verified Certificate



Clyde Szesperal  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued March 25, 2023

**Valid Certificate ID**  
#af5377b45d4ff391fab05b78a74b18

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



Technische Universität München

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade for

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Ingrid Möring  
Dean of Studies

Full Professor, Chair



Dr. Andrea Blum  
Vice Dean

Full Professor, Chair



VERIFIED CERTIFICATE  
Issued January 7, 2021

VALID CERTIFICATE ID:  
TheTUMxCertificateID:202101070000000000000



# Verified Certificate



This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

## **AWS-AWS-OTP-AWSD16: AWS Cloud Technical Essentials**

a course of study offered by AWS, an online learning initiative of AWS.

**Maureen Longman**  
Director, Training and Certification  
Amazon Web Services (AWS)



**Verified Certificate**  
Issued April 29, 2023

**Valid Certificate ID**  
[9a0c85d38b54b17a9f3d4945919c87d](#)

# Verified Certificate



This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



Jesse K. Sullivan  
Data Scientist  
IBM



Verified Certificate  
Issued June 26, 2021

Valid Certificate ID  
[3578c9239c45452ca84887a1eef7d88a](#)



**Verified**  
Certificate



Pardeep

AI and Data Science Program Director

IBM

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.

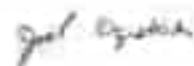


Verified Certificate  
Issued April 5, 2021

Valid Certificate ID  
[90d158c4113e4173ec88388081210fed](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Crowl  
Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingonX, an online learning initiative of University of Washington.



Verified Certificate  
issued January 19, 2021

Valid Certificate ID  
ec897ae32e884887a0426ca780fa3c88



Faculty Name

Signature Name

Gregory R. Anny Research Professor of Educational Leadership

Harvard University

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
issued May 8, 2022

Valid Certificate ID  
208877a2e10Ae0e83075E220a046A95

# Verified Certificate



This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.

Isha Singh

AI and Data Science Program Director

IBM

Apoorva Laxkar

Senior Developer Advocate

IBM



Verified Certificate  
issued July 18, 2021

Valid Certificate ID  
c0554c910e024b73b2876b1dd3eda2d2

**Verified  
Certificate**

**DelftX**



Roos deBoer

Professor of Public Administration/Organization and  
Management

Faculty of Technology, Policy and Management

Delft University of Technology

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

**LEfE1x: Effective Decision Making: Dealing with  
business Complexity**

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology.



Verified Certificate  
issued May 28, 2022

Valid Certificate ID  
[ed532c1d71b144018e2b1e6c9a691847](#)

# Verified Certificate



*Cecilia Kypcham*

Common Name  
Program Manager, IBM Security Learning Services  
IBM

This is to certify that

**Sanghita Kundu**

successfully completed and received a passing grade in

## **Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued March 25, 2023

Valid Certificate ID

[13f3154028b04c57a4b55941112fad8a3](#)



Certificate no: UC-6a67ca60-4a62-4e79-bccf-2b5f6c5fd277

Certificate url: [ude.my/UC-6a67ca60-4a62-4e79-bccf-2b5f6c5fd277](https://ude.my/UC-6a67ca60-4a62-4e79-bccf-2b5f6c5fd277)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha**

## Sanghita Kundu

Date **Jan. 8, 2022**

Length **12.5 total hours**





Certificate no: UC-cbd1da30-5b25-4c7a-9335-edff1651ced0  
Certificate url: [ude.my/UC-cbd1da30-5b25-4c7a-9335-edff1651ced0](https://ude.my/UC-cbd1da30-5b25-4c7a-9335-edff1651ced0)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Data Analysis using Wavelets and Machine Learning

Instructors **Emanuele Pesaresi**

## Sayantana Ghosh

Date **May 10, 2023**

Length **10 total hours**



Certificate no: UC-fd8030a7-6a6c-4ac7-8665-4822a86dfe43

Certificate url: [ude.my/UC-fd8030a7-6a6c-4ac7-8665-4822a86dfe43](https://ude.my/UC-fd8030a7-6a6c-4ac7-8665-4822a86dfe43)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 2023 Basics for Beginners in 10 Days - Part 1

Instructors **Cristian Frunze**

## Sayantana Ghosh

Date **May 10, 2023**

Length **11 total hours**



Certificate no: UC-0c66b8ac-25c2-48be-9383-a0431cd24ef5  
Certificate url: [ude.my/UC-0c66b8ac-25c2-48be-9383-a0431cd24ef5](https://ude.my/UC-0c66b8ac-25c2-48be-9383-a0431cd24ef5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

## Sayantana Ghosh

Date **May 16, 2023**

Length **24 total hours**





Certificate no: UC-21da64b7-e207-4a6b-9212-f89be503089d

Certificate url: [ude.my/UC-21da64b7-e207-4a6b-9212-f89be503089d](https://ude.my/UC-21da64b7-e207-4a6b-9212-f89be503089d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

## Sayantana Ghosh

Date **May 18, 2023**

Length **21.5 total hours**



Certificate no: UC-b6ab0dc7-4be1-4e44-ba83-691cf66f3c8b

Certificate url: [ude.my/UC-b6ab0dc7-4be1-4e44-ba83-691cf66f3c8b](https://ude.my/UC-b6ab0dc7-4be1-4e44-ba83-691cf66f3c8b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Sayantana Ghosh**

Date **May 10, 2023**

Length **11 total hours**





## Certificate of Achievement

# SATADRUPA SINHA

has completed the following course:

### AGRICULTURE, ECONOMICS AND NATURE THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week



David Parnell

Professor of Agricultural and Resource Economics  
The University of Western Australia



## SATADRUPA SINHA

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

**99%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



Certificate no: UC-5c7b705-acc2-47ac-8006-a938722193a  
Certificate url: udemy/UC-5c7b705-acc2-47ac-8006-a938722193a  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop 2022 Ultimate Guide

Instructors: Learn Tech Plus

**Satadrupa Sinha**

Date: June 6, 2022

Length: 22 total hours



Certificate no: UC-0756029-4473-4026-9296-855e07088917  
Certificate url: udemy.com/UC-0756029-4473-4026-9296-855e07088917  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors: Learn Tech Plus

**Satadrupa Sinha**

Date: June 6, 2022

Length: 15 total hours



Certificate no: UC-ea2f326c-29bc-496c-9436-6ea2770a2939  
Certificate url: udemy.com/certificate/UC-ea2f326c-29bc-496c-9436-6ea2770a2939  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Digital Marketing Strategy Bundle: 7 practical courses in 1!

Instructors: Anton Voroniuk

**Satadrupa Sinha**

Date: June 6, 2022

Length: 12.5 total hours





Certificate no UC-64266d7-eed8-4e08-8879-7342d7106a2  
Certificate url udemy/UC-64266d7-eed8-4e08-8879-7342d7106a2  
Reference Number 0226

CERTIFICATE OF COMPLETION

# LET'S SPEAK ENGLISH

## İngilizce Geliştirme Kursu

Instructors: B. Orhan Doğan - Bora Yayıncılık

**Satadrupa Sinha**

Date: Feb. 10, 2023

Length: 41.5 total hours



Certificate no: UC-8896753-406-407-408-296425625  
Certificate url: [www.udemy.com/certificate/UC-8896753-406-407-408-296425625](https://www.udemy.com/certificate/UC-8896753-406-407-408-296425625)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Aerospace Masterclass: Transonic Aerodynamics

Instructors: Martin Yanev, Plamen Yanev

**Satadrupa Sinha**

Date: Feb, 15, 2023

Length: 8 total hours



Certificate no: UC-ea2022-0228-4020-cccc-91424/18012  
Certificate url: udemy.com/ea2022-0228-4020-cccc-91424/18012  
Reference Number: 0224

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on training

Instructors: *Easy learning*

**Satadrupa Sinha**

Date: Feb. 11, 2023

Length: 10.5 total hours



Certificate no: UC-af64m34-af643-47m-8710-3c2445b1437  
Certificate url: udemy/UC-af64m34-af643-47m-8710-3c2445b1437  
Reference Number: 2224

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 (Ready for iOS 14+)

Instructors: Ing. Tomas Morenek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Satadrupa Sinha**

Date: Feb, 25, 2023

Length: 15.5 total hours



Certificate no: UC782d3d5-0b71-4201-a201-64d8bc47e10  
Certificate url: <https://www.udacity.com/certificate/UC782d3d5-0b71-4201-a201-64d8bc47e10>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors: Web Coding

**Satadrupa Sinha**

Date: Feb, 26, 2023

Length: 9.5 total hours





Certificate no: UC-be3cb4d4-3619-4464-9cf4-cd4574a3c87c

Certificate url: [ude.my/UC-be3cb4d4-3619-4464-9cf4-cd4574a3c87c](https://ude.my/UC-be3cb4d4-3619-4464-9cf4-cd4574a3c87c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

**Rupsa De**

Date **May 12, 2024**

Length **10 total hours**



Certificate no: UC-58adcaa2-efd8-4746-a049-894112938496

Certificate url: [udemy.com/UC-58adcaa2-efd8-4746-a049-894112938496](https://udemy.com/UC-58adcaa2-efd8-4746-a049-894112938496)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete English Grammar For Lower Levels

Instructors **Ülkü Küçükakın**

**Rupsa De**

Date **May 9, 2024**

Length **29 total hours**



Name:

**Purbita Koley**

Identification number:

**Write Professional Emails in English**

to receive your certificate, you must complete the course and pass the final exam.

Signature:  
Date:  
Institution:

COURSE  
CERTIFICATE



For the full details regarding this certificate, please visit the course page on Coursera.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S23650398

To  
PURBITA KOLEY  
VILL KULIAPARA  
PO DHOBAPARA  
BALAGARH  
WEST BENGAL - 712512  
PH. NO :9475712101



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PURBITA KOLEY**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **68** %

Online Assignments	22.25/25	Programming Exam	25/25	Proctored Exam	20.75/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







May 25, 2021

**Purbita Koley**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/SNGB23240DR>

Coursera has confirmed the identity of this individual and their participation in the course





May 23, 2022

**Purbita Koley**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-Instructor, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DIODEG269HFL>

Coursera has validated the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

May 23, 2022

**Purbita Koley**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, which appears to read "Jonathan K. S. Lewis".

Jonathan K. S. Lewis  
Associate Professor  
Department of International Health  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/2WA45D7C6MEQ](https://coursera.org/verify/2WA45D7C6MEQ)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and JHU (word) or  
register this learner at JHU or to any course offered by JHU or enable this learner to access or use resources beyond the online courses provided by Coursera.



May 23, 2022

**Purbita Koley**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin G. Stiefel".

Martin G. Stiefel  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/285y8t-cv9u-cw>

Coursera has certified the identity of this individual and their participation in the course.



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY

April 21, 2023

**Purbita Koley**

has successfully completed

**Training and Practicing in English Public Speaking**

an online non-credit course authorized by Shanghai Jiao Tong University and offered through Coursera.

*Alice Zhang*

Training and Practicing in English Public Speaking

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/AWFEN6U7Q5W>

Coursera has confirmed the identity of this individual and their participation in the course.



# Virtual Internship Completion Certificate

This is to certify that

**Purbita Koley**

**Hooghly Engineering & Technology College**

has successfully completed 10 weeks  
**Cybersecurity Virtual Internship**  
during December 2022 - February 2023

Supported By

 paloaltonetworks

Cybersecurity  
Academy



**Saravanan Rajagopal**  
Training Partner Manager, APAC  
Palo Alto Networks



**Shri Buddha Chandrasekhar**  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE



**Dr. Satya Ranjan Biswal**  
Chief Technology Officer (CTO)  
EduSkills







Apr 30, 2023

**Purbita Koley**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/864V732864310>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: 4202020202-4202020202020202020202  
Certificate ID: 4202020202-4202020202020202020202  
Approved for 2023

CERTIFICATE OF COMPLETION

# Python 3 Ultimate Guide

Instructors: Jesh Werner, Learn Tecc

**Sayan Baishya**

Date: May 11, 2023

Length: 13 total hours



Certificate of Completion for the course  
Certificate of Completion for the course  
Certificate of Completion for the course

CERTIFICATE OF COMPLETION

# The Complete Communication Skills Master Class for Life

Instructor: **TJ Walker**

**Sayan Baishya**

Date: **May 14, 2023**

Length: **21.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAYAN BAISHYA**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	15.42/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41533740038

To validate the certificate



No. of credits recommended: 2 or 3



Certificate ID: 65852296-989c-4006-80e8-d7f1d02a5011  
7 6d96595-c9-5b-7b9d-25302984-4050-9001-808d-8765432101  
Approved August 2023

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors: YouAccel Training

**Sayan Baishya**

Date: May 22, 2023

Length: 26 total hours





Certificate no: UC-2cb34bfe-57d0-4d76-96c5-9bb19f6fece2

Certificate url: [ude.my/UC-2cb34bfe-57d0-4d76-96c5-9bb19f6fece2](https://ude.my/UC-2cb34bfe-57d0-4d76-96c5-9bb19f6fece2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

## Abhishek Pal

Date **May 3, 2024**

Length **81.5 total hours**



Certificate no: UC-4d718a00-3b56-4c44-ac60-f66c48be11fb

Certificate url: [ude.my/UC-4d718a00-3b56-4c44-ac60-f66c48be11fb](https://ude.my/UC-4d718a00-3b56-4c44-ac60-f66c48be11fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of Google SEO 2023: SEO & Copywriting Made Simple & Fun

Instructors **Ing. Tomas Moravek, Beck Robertson, SEO, Facebook Ads & Digital Marketing Academy**

**Abhishek Pal**

Date **April 5, 2023**

Length **12 total hours**



Certificate no: UC-17d306ba-2cc7-4ebb-b66c-242122109699

Certificate url: [ude.my/UC-17d306ba-2cc7-4ebb-b66c-242122109699](https://ude.my/UC-17d306ba-2cc7-4ebb-b66c-242122109699)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

**Abhishek Pal**

Date **May 3, 2023**

Length **16.5 total hours**





Certificate no: UC-a9a7bcda-21d6-4400-b1b5-285970c21011

Certificate url: [ude.my/UC-a9a7bcda-21d6-4400-b1b5-285970c21011](https://ude.my/UC-a9a7bcda-21d6-4400-b1b5-285970c21011)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Abhishek Pal

Date **March 15, 2023**

Length **12 total hours**



Certificate no: UC-9f5a4fc6-2956-4aa1-a188-38552b4a341e  
Certificate url: [ude.my/UC-9f5a4fc6-2956-4aa1-a188-38552b4a341e](https://ude.my/UC-9f5a4fc6-2956-4aa1-a188-38552b4a341e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Windows 11 Masterclass

Instructors **Jan Ekhteyari**

## Abhishek Pal

Date **March 8, 2023**

Length **9.5 total hours**





Certificate no: UC-ef31f541-794f-4569-aa57-861e6bc4e1df

Certificate url: [ude.my/UC-ef31f541-794f-4569-aa57-861e6bc4e1df](https://udemy.com/certificate/UC-ef31f541-794f-4569-aa57-861e6bc4e1df)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy** | 170.000+ Students

## Abhishek Pal

Date **March 2, 2023**

Length **8 total hours**



Certificate ID: UC-8721943-4271-4255-4229-42345678910  
Certificate URL: [https://www.udacity.com/certificate/UC-8721943-4271-4255-4229-42345678910](#)  
Issuance Number: 0004

CERTIFICATE OF COMPLETION

# Email Marketing Automation, Google Analytics & Split Testing

Instructors: **LearnersCare LLC, SAAN TRADING INC**

**Jushmita Kar**

Date: **Feb. 29, 2024**

Length: **10 total hours**



Certificate ID: UC-8891425-4371-4289-4782-40442328408  
Certificate URL: <https://www.udemy.com/certificate/UC-8891425-4371-4289-4782-40442328408/>  
Reference Number: 0334

CERTIFICATE OF COMPLETION

# Excellence in Interpersonal Skills (People & Social Skills)

Instructors: Arun Singhal B-Tech, MBA (IIM-B), Unilever, J&J, Danone, IIMU, Cello

**Jushmita Kar**

Date **May 4, 2024**

Length **3 total hours**



Certificate no. UC-D4407933-3241-4403-4540-70464200  
Certificate url: udemy/certificate/UC-D4407933-3241-4403-4540-70464200  
Reference number:

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors: Surendra Varma Pericherla

**Jushmita Kar**

Date: Feb. 29, 2024

Length: 11.5 total hours



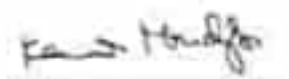
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SHOVA VARMA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kanan M Moudgalya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India





**Georgia Institute**  
**of Technology**

May 6, 2014

**Shova Varma**

has successfully completed

**Write Professional Emails in English**

an online learning course authorized by Georgia Institute of Technology and offered through Coursera.

David J. Reardon  
Dean  
College of Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/123456789>

Coursera has confirmed the identity of the individual named here.  
coursera.com © 2014 Coursera



Jan 4, 2022

**Shova Varma**

Successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course made possible by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles E. Dreyfus  
Dean, Center for Technical Education  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.academy/fakecertificates>

Coursera has confirmed the validity of this certificate and their participation in this course.



THE UNIVERSITY  
of EDINBURGH

May 12, 2019

**Shova Varma**

has successfully completed

**Introduction to Philosophy**

provided as a credit course authorized by The University of Edinburgh and offered  
through Coursera

Prof. David Gorman, Professor of Philosophy, School of Divinity, The University of Edinburgh  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



verify at:

<https://coursera.org/verify/EDINBURGH>

Coursera has confirmed the identity of this professor and their  
authorization to offer courses



May 2022

**Shova Varma**

has successfully completed

**Tools for Data Science**

an IBM-accredited course authorized by IBM and offered through Coursera

Shova Varma  
IBM  
New York, NY

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7Y2PZAF122407E>

Coursera has confirmed the identity of the individual and the authenticity of this record.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHOVA VARMA**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	22.88/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS96543260122

To validate the certificate



No. of credits recommended: 3 or 4



VANDERBILT  UNIVERSITY

Jan 6, 2014

**Shova Varma**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera

**COURSE  
CERTIFICATE**



*Ani Gada*

Ani Gada, PhD  
Professor  
Department of Chemical, Electrical, and  
Mechanical Engineering

*Dr. Michael H. Stewart*

Michael Stewart, PhD  
Professor Emeritus  
Chemical Systems, Chemical Engineering, Physical Engineering, Entrepreneurship Training

Verify at:  
<https://coursera.org/join/VANDERBILT>  
Coursera has confirmed the identity of this individual and their  
participation in this course.




May 2022

Shova Varma

100% successfully completed

Applied Data Science Capstone

Applied Data Science Capstone course authorized by IBM and offered through Coursera

Yan Luo 

Yan Luo  
IBM Research and Strategic

Senior Researcher  
Applied Data Science  
IBM

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CDF8G264UC6E>  
Coursera has confirmed the identity of the individual and the  
authenticity of the record.



Certificate no. UC-20230518-1441-0249-0000-000000000000  
Certificate of completion for the course: Configure NGINX on a Cloud Server: Digital Ocean & AWS  
Issued on: May 18, 2023

CERTIFICATE OF COMPLETION

# Configure NGINX on a Cloud Server: Digital Ocean & AWS

Instructors: YbuAccel Training

**Shova Varma**

Date: May 18, 2023

Length: 9.5 total hours



Certificate no. UC-46464646-4646-4646-4646-46464646  
Certificate of completion for UC-46464646-4646-4646-4646-46464646  
Issued on 18/05/2023

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors: YouAccel Training

**Shova Varma**

Date: May 18, 2023

Length: 11.5 total hours



Certificate no: UC-4ac16a69-c256-4c45-8af2-beae9b2391fa  
Certificate url: [ude.my/UC-4ac16a69-c256-4c45-8af2-beae9b2391fa](https://ude.my/UC-4ac16a69-c256-4c45-8af2-beae9b2391fa)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

## Raju Khamaru

Date **May 18, 2023**

Length **81.5 total hours**





Certificate no: UC-c0dcab3c-772c-4307-bfbc-a9743f5b249c

Certificate url: [ude.my/UC-c0dcab3c-772c-4307-bfbc-a9743f5b249c](https://ude.my/UC-c0dcab3c-772c-4307-bfbc-a9743f5b249c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Raju Khamaru

Date **May 18, 2023**

Length **29 total hours**



Certificate no: UC-f5347220-f19d-47bc-bc16-39b812348ba0

Certificate url: [ude.my/UC-f5347220-f19d-47bc-bc16-39b812348ba0](https://ude.my/UC-f5347220-f19d-47bc-bc16-39b812348ba0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

**Arnab Das**

Date **May 17, 2023**

Length **12.5 total hours**



Certificate no: UC-496fc7b6-039c-49ee-bad0-1aff8434ab1e  
Certificate url: [ude.my/UC-496fc7b6-039c-49ee-bad0-1aff8434ab1e](https://ude.my/UC-496fc7b6-039c-49ee-bad0-1aff8434ab1e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python : Master Programming and Development with 15 Projects

Instructors **Dev Nirwal**

**Arnab Das**

Date **March 31, 2023**

Length **32 total hours**



Certificate no: UC-72ba184b-bbfa-4a90-9e63-44f306c2b632

Certificate url: [ude.my/UC-72ba184b-bbfa-4a90-9e63-44f306c2b632](https://ude.my/UC-72ba184b-bbfa-4a90-9e63-44f306c2b632)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English Grammar Launch: Upgrade your speaking and listening

Instructors **Anthony Kelleher**

## **Arnab Das**

Date **May 30, 2023**

Length **8 total hours**





Certificate no: UC-96c0e4ae-1a01-4d6e-8897-780d0811bf27

Certificate url: [ude.my/UC-96c0e4ae-1a01-4d6e-8897-780d0811bf27](https://ude.my/UC-96c0e4ae-1a01-4d6e-8897-780d0811bf27)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors **Hemanth kumar**

**Oiandrila Sarkar**

Date **May 29, 2023**

Length **11 total hours**





Certificate no: UC-152d41b9-815f-4fb6-b8a7-4544dff39477

Certificate url: [ude.my/UC-152d41b9-815f-4fb6-b8a7-4544dff39477](https://ude.my/UC-152d41b9-815f-4fb6-b8a7-4544dff39477)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Python Challenges: Python MCQ& Python Recap in 2023

Instructors **Temotec Learning Academy**

**Oiandrila Sarkar**

Date **May 29, 2023**

Length **1.5 total hours**



Certificate no: UC-c76c7f64-ad71-4e1d-9317-70610eb0b256

Certificate url: [ude.my/UC-c76c7f64-ad71-4e1d-9317-70610eb0b256](https://ude.my/UC-c76c7f64-ad71-4e1d-9317-70610eb0b256)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap And JavaScript And Python Stack Course

Instructors **PROPER DOT INSTITUTE**

**Oiandriila Sarkar**

Date **May 27, 2023**

Length **7.5 total hours**

# UCI Division of Continuing Education

May 21, 2023

**OIANDRILA SARKAR**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Diane Syngal  
Executive Coach

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/482F0V8J6CT1>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-d9ad064c-86b2-4afd-b003-ced72f53b95b

Certificate url: [ude.my/UC-d9ad064c-86b2-4afd-b003-ced72f53b95b](https://ude.my/UC-d9ad064c-86b2-4afd-b003-ced72f53b95b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Online Authentic and Effective Communication

Instructors **Hassan Ghiassi**

**Oiandrila Sarkar**

Date **May 27, 2023**

Length **2 total hours**





Certificate no: UC-8ed02a7d-c2d4-4874-acd9-1b5077c00526

Certificate url: [ude.my/UC-8ed02a7d-c2d4-4874-acd9-1b5077c00526](https://ude.my/UC-8ed02a7d-c2d4-4874-acd9-1b5077c00526)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Public Speaking: Give a Great Retirement Speech!

Instructors **TJ Walker, Media Training Worldwide Digital**

**Oiandriila Sarkar**

Date **May 27, 2023**

Length **1 total hour**





Certificate no: UC-27523ccd-6910-4078-9d41-89aa3c6ab340  
Certificate url: [ude.my/UC-27523ccd-6910-4078-9d41-89aa3c6ab340](https://ude.my/UC-27523ccd-6910-4078-9d41-89aa3c6ab340)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Public Speaking Course: Become a Great Speaker

Instructors **TJ Walker, Media Training Worldwide Digital**

## Oiandriila Sarkar

Date **May 27, 2023**

Length **4.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RUPAM KUNDU**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	15.42/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTELZ3MG415E3960484

To validate the certificate



No. of credits recommended: 2 or 3



Certificate no: UC-27d69ac3-85d9-4980-8067-3b5830baf294

Certificate url: [uda.my/UC-27d69ac3-85d9-4980-8067-3b5830baf294](https://uda.my/UC-27d69ac3-85d9-4980-8067-3b5830baf294)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors **Hemanth kumar**

## Rupam Kundu

Date **May 29, 2023**

Length **11 total hours**

# UCI Division of Continuing Education

May 29, 2023

**Rupam Kundu**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Dana Spiegel  
Executive Coach

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/IKBQKAYASV87E>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-6512d680-cf78-4c72-a7f0-b8f9d1a641f2

Certificate url: [ude.my/UC-6512d680-cf78-4c72-a7f0-b8f9d1a641f2](https://www.udemy.com/certificate/UC-6512d680-cf78-4c72-a7f0-b8f9d1a641f2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap And JavaScript And Python Stack Course

Instructors **PROPER DOT INSTITUTE**

**Rupam Kundu**

Date **May 27, 2023**

Length **7.5 total hours**





Certificate no: UC-7dd3c099-c08b-49f3-b96e-4288b44fe38d

Certificate url: [ude.my/UC-7dd3c099-c08b-49f3-b96e-4288b44fe38d](https://ude.my/UC-7dd3c099-c08b-49f3-b96e-4288b44fe38d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# YouTube Masterclass Training - 2019 in Hindi/Urdu - Sarfaraz

Instructors **Sarfaraz abro**

## Madhusree Ghosh

Date **May 21, 2022**

Length **16 total hours**



Certificate no: UC-2ad63e37-9ef8-4dcf-bda1-d71eb1d7ff77

Certificate url: [ude.my/UC-2ad63e37-9ef8-4dcf-bda1-d71eb1d7ff77](https://ude.my/UC-2ad63e37-9ef8-4dcf-bda1-d71eb1d7ff77)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Kotlin Learning Guide

Instructors **Hassan Fulaih**

## Madhusree Ghosh

Date **May 21, 2022**

Length **12 total hours**



Certificate no: UC-f737d6f6-364d-4f4f-ab38-7162247d424b

Certificate url: [ude.my/UC-f737d6f6-364d-4f4f-ab38-7162247d424b](https://ude.my/UC-f737d6f6-364d-4f4f-ab38-7162247d424b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens, Beck Robertson**

## Madhusree Ghosh

Date **May 16, 2022**

Length **70.5 total hours**





Certificate no: UC-33e7e949-298d-4dde-bb77-e38bd59353dc  
Certificate url: [ude.my/UC-33e7e949-298d-4dde-bb77-e38bd59353dc](https://ude.my/UC-33e7e949-298d-4dde-bb77-e38bd59353dc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linear Regression and Logistic Regression in Python

Instructors **Start-Tech Academy**

## Madhusree Ghosh

Date **May 23, 2022**

Length **8.5 total hours**



Certificate no: UC-7447d745-8f93-40e4-bf34-0d81716549f4

Certificate url: [ude.my/UC-7447d745-8f93-40e4-bf34-0d81716549f4](https://ude.my/UC-7447d745-8f93-40e4-bf34-0d81716549f4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Der Komplette Excel Kurs - Vom Anfänger zum Profi in 40h !

Instructors **Sebastian Glöckner, Sebastian Glöckner Karriere-Entwicklung, Sebastian Glöckner Support**

## Madhusree Ghosh

Date **15 Feb 2023**

Length **53 total hours**



# **M** UNIVERSITY OF MICHIGAN

Jul 20, 2021

**Pranshu Das**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/AW85U547LFGV](https://coursera.org/verify/AW85U547LFGV)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



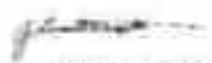
This is to certify that

**Pranshu Das**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Joseph Bernier  
Data Science  
4/27



Verified Certificate  
Issued May 6, 2021

Valid Certificate ID  
021c80c4230644300646c19036464e



11th ed. 1000

**Pranshu Das**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/96TLACZ24YN8](https://coursera.org/verify/96TLACZ24YN8)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

Jan 19, 2022

**Pranshu Das**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Gillin Lewis, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/56F4QR5GKX95](https://coursera.org/verify/56F4QR5GKX95)

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

Dec 3, 2010

**Pranshu Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/49TFCUQ9KCD1](https://coursera.org/verify/49TFCUQ9KCD1)

Coursera has confirmed the identity of this individual and their participation in the course.





University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Ident. no.: 16222

**Pranshu Das**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera.

**Matthew Korschmann**

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/WZUUUMZMSNGU](https://coursera.org/verify/WZUUUMZMSNGU)

Coursera has verified the identity of this individual and their participation in the course.

# Verified Certificate



Pr. D. Das  
Pr. D., Data Scientist

457

This is to certify that

**Pranshu Das**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 8, 2021

Valid Certificate ID  
e17182000006602487c9e9c3a181e12c



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jan 19, 2021

**Pranshu Das**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera

Sara Lee Pomeroy  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/3MIV6L72D47RQ](https://coursera.org/verify/3MIV6L72D47RQ)

Coursera has certified the identity of this individual and their participation in the course.



Jan 19, 2025

**Pranshu Das**

has successfully completed

**Introduction to Machine Learning**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink that reads "Larry Carlin".

*Larry Carlin*

Geometric M. Lily  
David Carlson  
Lawrence Olin

**COURSE  
CERTIFICATE**

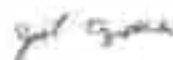


Verify at [coursera.org/verify/QB2E2N623A667](https://coursera.org/verify/QB2E2N623A667)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate

W UNIVERSITY of WASHINGTON



Jan Brown

Lecturer, International & English Language Programs  
University of Washington

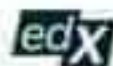
This is to certify that

**Pranshu Das**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning  
initiative of University of Washington.



Verified Certificate  
Issued January 4, 2021

Valid Certificate ID  
[4770c07e55742e6c0311e220e034e0](#)



# **M** UNIVERSITY OF MICHIGAN

Jul 29, 2021

**Pranshu Das**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/CFUAKLN73NP2](https://coursera.org/verify/CFUAKLN73NP2)  
Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-437cf43c-2c6a-4d82-b2f0-0724e8f3e78d

Certificate url: [ude.my/UC-437cf43c-2c6a-4d82-b2f0-0724e8f3e78d](https://ude.my/UC-437cf43c-2c6a-4d82-b2f0-0724e8f3e78d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

**Pranshu Das**

Date **July 21, 2021**

Length **35 total hours**

# Verified Certificate



Clyde Despresant

SVP & General Manager, Training & Certification

The Linux Foundation

This is to certify that

**Pranshu Das**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued March 2, 2022

Valid Certificate ID  
**a333fa11e46f4430bb692598709eb656**



Certificate no: UC-5ad25102-a946-455b-8ff3-7eb70d7f156a

Certificate url: [ude.my/UC-5ad25102-a946-455b-8ff3-7eb70d7f156a](https://ude.my/UC-5ad25102-a946-455b-8ff3-7eb70d7f156a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Programming Step By Step From Beginner To Ultimate Level

Instructors **Lernen Hub Academy**

**Pranshu Das**

Date **June 7, 2022**

Length **11.5 total hours**





Certificate no: UC-b5793f41-bc2b-4a31-81d9-6e4350c02ad2

Certificate url: [ude.my/UC-b5793f41-bc2b-4a31-81d9-6e4350c02ad2](https://udemy.com/certificate/UC-b5793f41-bc2b-4a31-81d9-6e4350c02ad2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Pranshu Das

Date **June 7, 2022**

Length **12 total hours**



**Verified  
Certificate**



This is to certify that

**Pranshu Das**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Clyde Soper'.

Clyde Soper  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 8, 2023

Valid Certificate ID  
[bda03802e381452ab722aa08x7j15e73f](#)



Certificate no: UC-433e16e2-7b3d-4032-af3f-059cd80f4eaf  
Certificate url: [ude.my/UC-433e16e2-7b3d-4032-af3f-059cd80f4eaf](https://ude.my/UC-433e16e2-7b3d-4032-af3f-059cd80f4eaf)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Flutter and Dart to create Android and IOS apps

Instructors **Code Warriors, Snehal Singh**

## Pranshu Das

Date **May 8, 2023**

Length **10 total hours**



May 9, 2022

**SAMPURNA PAL**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificate/D8VPEMN18016>

Coursera has confirmed the identity of this individual and their participation in the course

# Yale

April 14, 2022

**SAMPURNA PAL**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/T345/C2M7G5U>

Coursera has validated the identity of this individual and their participation in the course

# **M** UNIVERSITY OF MICHIGAN

May 23, 2022

**SAMPURNA PAL**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TCP8tU8tPDC7>

Coursera has authorized the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 22, 2023

**SAMPURNA PAL**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3T2N8V5H4VYU](https://coursera.org/verify/3T2N8V5H4VYU)

Coursera has certified the identity of this individual and their participation in the course.



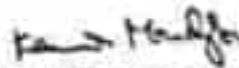
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SAMPURNA PAL** has successfully completed Introduction to Computers test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kamesh K. Mondragala  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S23650418

To  
SAMPURNA PAL  
123/62, PANCHANANTALA, SHIBTALA BYE LANE  
SHEORAPHULLY, HOOGHLY  
SHEORAPHULLY  
WEST BENGAL - 712223  
PH. NO :7980453673



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAMPURNA PAL**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







May 8, 2017

**Sampurna Pal**

has successfully completed

**Tools for Data Science**

an online non-credit course authorized by IBM and offered through Coursera

Maurice McElaney  
Senior Manager  
Online Learning

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ADPL7EL4G7K5>

Coursera has confirmed the identity of this individual and their participation in the course.



May 13, 2023

**Sampurna Pal**

has successfully completed

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Saramanigala  
Senior Data Scientist  
IBM

Joseph Saramanigala  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/MSGT5D11UVM>

Coursera has confirmed the identity of this individual and their participation in the course





May 13, 2023

**Sampurna Pal**

has successfully completed

**Data Visualization with Python**

an online non-credit course authorized by IBM and offered through Coursera

Sampurna Pal  
Data Scientist  
IBM India

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ISDYVTATWPS>

Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

**Sampurna Pal**

has successfully completed

**Applied Data Science Capstone**

an online non-credit course authorized by IBM and offered through Coursera

**Yan Luo**

Yan Luo  
Data Scientist and Developer

Joseph Santanarajulu  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/AW1ND88CJ8L15>

Coursera has validated the identity of this individual and their participation in the course.



Certificate no: UC-09c0748e-d01e-4cd1-be17-90b87b34fd35

Certificate url: [ude.my/UC-09c0748e-d01e-4cd1-be17-90b87b34fd35](https://ude.my/UC-09c0748e-d01e-4cd1-be17-90b87b34fd35)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Sampurna Pal

Date **May 4, 2024**

Length **12 total hours**



Certificate no: UC-32b09cdd-a1e3-46aa-ad67-091fbb662fb7

Certificate url: [ude.my/UC-32b09cdd-a1e3-46aa-ad67-091fbb662fb7](https://ude.my/UC-32b09cdd-a1e3-46aa-ad67-091fbb662fb7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP : CJNP+ 2024 JVA

Instructors **OCSALY Academy | 340.000+ Students - Ethical Hacking**

## Sampurna Pal

Date **May 7, 2024**

Length **8.5 total hours**



Certificate no: UC-56a29610-258b-4b1f-943f-14b961b0a1ed  
Certificate url: [ude.my/UC-56a29610-258b-4b1f-943f-14b961b0a1ed](https://ude.my/UC-56a29610-258b-4b1f-943f-14b961b0a1ed)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java for Beginners

Instructors **Navin Reddy**

## Sampurna Pal

Date **May 4, 2024**

Length **14.5 total hours**





Certificate no: UC-86429403-6799-45dd-b8d3-6ba53b40af58

Certificate url: [ude.my/UC-86429403-6799-45dd-b8d3-6ba53b40af58](https://ude.my/UC-86429403-6799-45dd-b8d3-6ba53b40af58)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Social Media Joyride with ChatGPT & Gemini AI for Beginners

Instructors **Ing. Tomas Moravek**

**Sampurna Pal**

Date **May 6, 2024**

Length **9 total hours**



Certificate no: UC-225580bd-104e-4237-81d3-49da9a4a0796

Certificate url: [ude.my/UC-225580bd-104e-4237-81d3-49da9a4a0796](https://ude.my/UC-225580bd-104e-4237-81d3-49da9a4a0796)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Sampurna Pal

Date **May 9, 2024**

Length **34 total hours**



# Certificate

We certify that Taniya Majumder  
has completed the following courses on our platform:



English listening practice by English with Lucy

08 hours 06 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Taniya Majumder

u4307831

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



## Statement of participation

# Taniya Majumder

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 9 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good bad right or wrong?*

#### Section 2

*It's not all Orsini to me!*

#### Section 3

*Relationships emotions and ethics*

#### Section 4

*Ethics everywhere*

#### Section 5

*Landscape with Weapon an allegory*

#### Section 6

*Conclusion*

#### Section 7

*Summary*





Certificate no: UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34

Certificate url: [ude.my/UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34](https://ude.my/UC-ffdc58ae-64de-40de-8d71-3c0884ee2e34)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Taniya Majumder

Date **May 13, 2024**

Length **16 total hours**



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **AMIT KUMAR BAKSHI** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya  
IIT Bombay



UNIVERSITY OF  
ALBERTA

Jan 5, 2023

Amit Kumar Bakshi

has successfully completed

Problem Solving, Python Programming, and Video Games

an online non-credit course authorized by University of Alberta and offered through Coursera

Professor of Computing Science

Professor of Computing Science

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/T1832513FV0>

Coursera has authorized the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH

Feb 4, 2022

**Amit Kumar Bakshi**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Prof. David Pritchard, Gillin Lewis, Matthew Crumey, Allan Waters, Michael Manning, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:  
[coursera.org/verify/81X8TVQPDV8D](https://coursera.org/verify/81X8TVQPDV8D)

Coursera has confirmed the identity of 194 individuals and their  
participation in the course.



# Georgia Institute of Technology

Dec 7, 2022

**Amit Kumar Bakshi**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Sanders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/9AYZ7Q0S3MQ2](https://coursera.org/verify/9AYZ7Q0S3MQ2)

Coursera has confirmed the identity of this individual and their  
participation in the course.





May 8, 2017

**Amit Bakshi**

has successfully completed

**Tools for Data Science**

an online non-credit course authorized by IBM and offered through Coursera

Maurice McFlaney  
Senior Manager  
Online Learning

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CDW6V6N2432P>

Coursera has confirmed the identity of this individual and their participation in the course.



May 8, 2017

**Amit Bakshi**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Hima Vasireddy  
IBM

Verify at:  
<https://coursera.org/verify/STAY08RL46TV>

Coursera has confirmed the identity of this individual and their participation in the course.



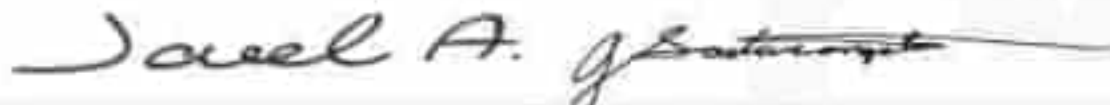
May 13, 2023

**Amit Bakshi**

has successfully completed with honors

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera



Joseph Saccamanga  
Senior Data Scientist  
IBM

Joseph Saccamanga  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/FICGRH4CA65X>

Coursera has confirmed the identity of this individual and their participation in the course.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**AMIT KUMAR BAKSHI**  
for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **68** %

Online Assignments	24.63/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3749**

Jan-Apr 2023  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS53533020066

To validate the certificate



No. of credits recommended: 3 or 4















**4TU** Center for Ethics  
and Technology

Apr 30, 2024

**SAYAN DUTTA**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU(ETH) and offered through Coursera.

Sander Bekkers  
Executive Director  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



<https://coursera.org/accomplishments/4TUETH>

Course & logo content are the property of the University and their  
participation in the course





Certificate no. UC-2023-001-1661-4011-9401-2023-00142  
Certificate no. udemy/UC-2023-001-1661-4011-9401-2023-00142  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructor: Logos Academy

**Sayan Dutta**

Date: Dec. 8, 2023

Length: 77 total hours

# CERTIFICATE OF COMPLETION

**SAYAN DUTTA**

---

has successfully completed the online course:

**Python for Beginners**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

10<sup>th</sup> May 2024

Certificate code : 5214425



Krishna Kumar  
CEO, Simplilearn





Certificate ID: UC7779542-2022-05-12-144-448277028624  
Certificate URL: <https://www.udacity.com/certificate/UC7779542-2022-05-12-144-448277028624>  
Reference Number: 2224

CERTIFICATE OF COMPLETION

# SQL Masterclass: SQL for Data Analytics

Instructor: **Start-Tech Academy**

**Tiyasha Ghosh**

Date: **May 12, 2022**

Length: **8 total hours**



Certificate ID: UC-471-65677929-401-9421-30732048264  
Certificate ID: UC-471-65677929-401-9421-30732048264  
Reference Number: 0224

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: **Robert (Bob) Steele**

**Tiyasha Ghosh**

Date: **May 13, 2022**

Length: **155.5 total hours**



Certificate ID: 4802758-6444-476-219-2072227044  
Certificate of Completion ID: 4802758-6444-476-219-2072227044  
Issued on: May 18, 2022

CERTIFICATE OF COMPLETION

# Corporate Finance

Instructors: Robert (Bob) Steele

**Tiyasha Ghosh**

Date: May 18, 2022

Length: 163.5 total hours





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Certificate of Completion (C) 2022. All rights reserved.  
February 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructor: Robert (Bob) Steele

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 17.5 total hours



Certificate no. UC-202302-400-0000-000000000000  
Certificate of completion issued by Udemy, Inc. on 02/03/2023  
Kashwan Kim 02/03

CERTIFICATE OF COMPLETION

# Complete Guide to TOEFL iBT | Get the score you need!

Instructors: Kashwan Kim

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 21 total hours



Certificate ID: UC-123456789-2023-4567890-9876543210  
Certificate ID: UC-123456789-2023-4567890-9876543210  
February 3, 2023

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructor: Robert (Bob) Stawle

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 44 total hours



# Certificate



We certify that **KRISHNA PRASAD KAHAR**  
has completed the following courses on our platform:

English listening practice by English with Lucy

08 hours 02 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
KRISHNA PRASAD KAHAR

u4307508

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

## Statement of participation

# Krishna Prasad Kahar

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 13 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1



## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good bad right or wrong?*

#### Section 2

*It's not all Orsok to me!*

#### Section 3

*Relationships emotions and ethics*

#### Section 4

*Ethics everywhere*

#### Section 5

*Landscape with Weapon an allegory.*

#### Section 6

*Conclusion*

#### Section 7

*Summary*



Certificate no: UC-b84b72c2-fe3c-4b33-9f7f-9d38ff39aea2  
Certificate url: [ude.my/UC-b84b72c2-fe3c-4b33-9f7f-9d38ff39aea2](https://ude.my/UC-b84b72c2-fe3c-4b33-9f7f-9d38ff39aea2)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

**Krishna Prasad kahar**

Date **May 13, 2024**

Length **16 total hours**



May 6, 2017

**Mohok Moitra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Sandy R. Adams", positioned above a horizontal line.

Sandy R. Adams  
Dean  
21 Langmuir Avenue

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/020022014092>

Coursera has verified the identity of the individual listed in  
this certificate as the author of the course.



**4TU** Center for Ethics  
and Technology

May 11, 2023

**Mohok Moitra**

has successfully completed

**Ethics, Technology and Engineering**

an online course which is part of the curriculum of the University of Twente and  
4TU Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read 'Mohok Moitra', is written over a horizontal line.

Course Director  
Mehmet Kocak  
University of Twente

**COURSE  
CERTIFICATE**



certify at:  
<https://coursera.org/certificates/481736815123>

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# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MOHOK MOITRA**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	19.13/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
[8 week course]

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41S33870051

To validate the certificate



No. of credits recommended: 2 or 3





Udemy Inc. 2200 California Street, Suite 400, San Francisco, CA 94133  
Udemy Inc. 2200 California Street, Suite 400, San Francisco, CA 94133  
Udemy Inc. 2200 California Street, Suite 400, San Francisco, CA 94133

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors: **Horizon Tech**

**Mohok Moitra**

Date: **May 10, 2023**

Length: **12 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MOHOK MOITRA**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	31.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**  
Chairperson

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

[12 week course]

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543970132

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-008c27a9-0e1d-429a-86a7-499f89b3c3a7

Certificate url: [ude.my/UC-008c27a9-0e1d-429a-86a7-499f89b3c3a7](https://ude.my/UC-008c27a9-0e1d-429a-86a7-499f89b3c3a7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Programming Step By Step From Beginner To Ultimate Level

Instructors **Lernen Hub Academy**

## Sulagna Das

Date **Jan. 30, 2023**

Length **11.5 total hours**



Certificate no: UC-ae584e0f-890a-4282-8e48-53790dbe01b6  
Certificate url: [ude.my/UC-ae584e0f-890a-4282-8e48-53790dbe01b6](https://ude.my/UC-ae584e0f-890a-4282-8e48-53790dbe01b6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# ACCA Financial Accounting (FA/FFA)

Instructors **Marina Matyukhina, FCCA**

## Sulagna Das

Date **April 1, 2023**

Length **11 total hours**



Certificate no: UC-9d94f854-285a-4701-acbc-d9fd8c48db44

Certificate url: [ude.my/UC-9d94f854-285a-4701-acbc-d9fd8c48db44](https://ude.my/UC-9d94f854-285a-4701-acbc-d9fd8c48db44)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Environment and Ethics: A Basic Course

Instructors **Dr. Swati Chakraborty**

## Sulagna Das

Date **April 13, 2023**

Length **9 total hours**



# CERTIFICATE OF COMPLETION

## ONLINE COURSE



यह प्रमाणपत्र

**MS. SULAGNA DAS**

को "प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआर्एस के अनुप्रयोग"

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 08 नवंबर, 2021 से 26 नवंबर, 2021 (कुल पाठ्यक्रम की अवधि = 19 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई आई आर एस नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MS. SULAGNA DAS**

ON COMPLETION OF THE ONLINE COURSE ON

**"RS & GIS Applications in Natural Resource Management"**

THIS ONLINE COURSE WAS CONDUCTED DURING **08-11-2021 to 26-11-2021** ( Total course duration = 19 hrs & 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

Online Exam Grade: **B+**

Attendance: **71 %**

Date: 23-12-2021

Place: Dehradun

समन्वयक, विश्वविद्यालय/संस्थान

Coordinator, University/ Institution



निदेशक / Director

आई.आई.आर.एस. देहरादून/ IIRS, Dehradun



Certificate no: UC-2624c9b8-2c9c-4e08-8ff8-0625419275e1

Certificate url: [ude.my/UC-2624c9b8-2c9c-4e08-8ff8-0625419275e1](https://ude.my/UC-2624c9b8-2c9c-4e08-8ff8-0625419275e1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Sulagna Das

Date **May 6, 2022**

Length **17 total hours**



Certificate no: UC-e455ca76-7021-441e-ac59-e21ffb3e744f

Certificate url: [ude.my/UC-e455ca76-7021-441e-ac59-e21ffb3e744f](https://ude.my/UC-e455ca76-7021-441e-ac59-e21ffb3e744f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Console and Windows Forms Development w/ Entity Framework

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha**

**Sulagna Das**

Date **May 6, 2022**

Length **15.5 total hours**





May 6, 2022

**Sulagna Das**

has successfully completed

**Introduction to Cloud Computing**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/SANJIVSANDAS>

Coursera has validated the identity of this individual and their participation in the course.



The State University  
of New York

## COURSE CERTIFICATE

May 1, 2022

# Sulagna Das

has successfully completed

## Blockchain Basics

an online non-credit course authorized by University at Buffalo, The State University of  
New York and offered through Coursera



Rita Ramnarath  
Working Professor  
Computer Science and Engineering

Verify at:  
<https://coursera.org/verify/NTN2GOVECGOB>

Coursera has validated the identity of this individual and their participation in the course



# **M** UNIVERSITY OF MICHIGAN

Apr 22, 2022

Sulagna Das

has successfully completed

Introduction to CSS3

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Colleen van Lent* *Chad*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/F183V5T72ME>

Coursera has confirmed the identity of this individual and their participation in the course



Certificate no: UC-32a11627-3302-4925-bdae-3590126b93fd

Certificate url: [ude.my/UC-32a11627-3302-4925-bdae-3590126b93fd](https://ude.my/UC-32a11627-3302-4925-bdae-3590126b93fd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Easy Python Programming For Absolute Beginners SQL in Python

Instructors **Musavi Abdullah**

## **Sulagna Das**

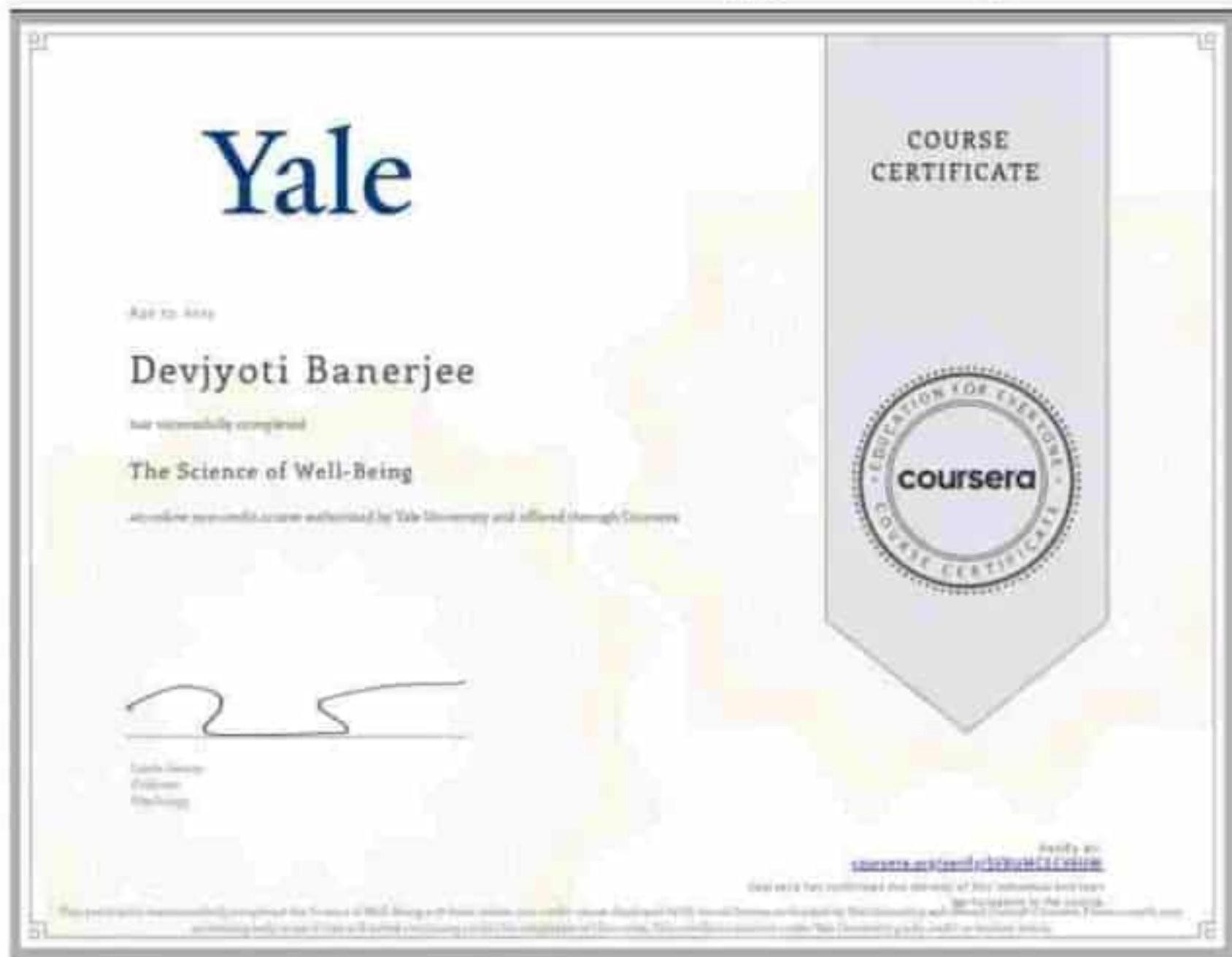
Date **Jan. 4, 2023**

Length **60.5 total hours**

# 1. Communication in the 21st Century Workplace (COURSERA)



## 2. The Science of Well-Being (COURSERA)



### 3. Ethics in Engineering Practice (NPTEL)



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DEVJYOTI BANERJEE**

for successfully completing the course



## Ethics in Engineering Practice

with a consolidated score of **82** %

Online Assignments	21.63/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023

(8 week course)

Prof. Debjani Chakraborty

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41543740093

To validate the certificate



No. of credits recommended: 2 or 3



## 4. The Joy of Computing using Python (NPTEL)



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DEVJYOTI BANERJEE**

for successfully completing the course



### The Joy of Computing using Python

with a consolidated score of **81** %

Online Assignments	24.91/25	Proctored Exam	56.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL, Coordinator,  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533740D09

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-49d10c48-baa9-43ea-9bef-52174dce2b03

Certificate url: [ude.my/UC-49d10c48-baa9-43ea-9bef-52174dce2b03](https://ude.my/UC-49d10c48-baa9-43ea-9bef-52174dce2b03)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Rishav Das

Date **May 6, 2023**

Length **10 total hours**

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13650159

To  
RISHAV DAS  
617/10 PANDHATULY  
KABERIPARA ROAD  
CHINSURAH  
WEST BENGAL - 712103  
PH. NO /964437330



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RISHAV DAS**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **76** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	26/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Computing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





# ISB

21-May-2022

## Rishav Das

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through Coursera

Rajivpal Rajhansh, PhD  
McCombs School of Business  
UTexas School of Business

## COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/3K8MHH8AW3KUIS>

Coursera has confirmed the identity of this individual and their participation in the course





# Georgia Institute of Technology

Jan 01, 2022

**Rishav Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/DW7AQIFAGG27](https://coursera.org/verify/DW7AQIFAGG27)

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-87889021-2bd1-4a06-be2d-25cdfb128f9e

Certificate url: [ude.my/UC-87889021-2bd1-4a06-be2d-25cdfb128f9e](https://ude.my/UC-87889021-2bd1-4a06-be2d-25cdfb128f9e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# TypeScript Bible: An Advanced TypeScript Course

Instructors **CodeLicks Academy**

## Rishav Das

Date **May 4, 2024**

Length **10.5 total hours**



Certificate no: UC-3fa76708-bae5-4b4a-918a-1c7ec77bb2fa  
Certificate url: [ude.my/UC-3fa76708-bae5-4b4a-918a-1c7ec77bb2fa](https://udemy.com/UC-3fa76708-bae5-4b4a-918a-1c7ec77bb2fa)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Rishav Das

Date **May 4, 2024**

Length **29 total hours**



Certificate no: UC-cea79124-2278-4204-a927-2d4c59f92c93

Certificate url: [ude.my/UC-cea79124-2278-4204-a927-2d4c59f92c93](https://ude.my/UC-cea79124-2278-4204-a927-2d4c59f92c93)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Rishav Das**

Date **May 6, 2023**

Length **47 total hours**



Certificate no: UC-3cce2684-f053-4829-9834-c22e470d1481

Certificate url: [udemy.com/UC-3cce2684-f053-4829-9834-c22e470d1481](https://udemy.com/UC-3cce2684-f053-4829-9834-c22e470d1481)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Asp .Net C# Programming with JS and HTML: Beginner to Expert

Instructors **Metla Sudha Sekhar**

**Rishav Das**

Date **May 4, 2024**

Length **17 total hours**





Certificate no: UC-bb93733a-0105-4f77-b0a8-9717579054ed

Certificate url: [udemy.com/UC-bb93733a-0105-4f77-b0a8-9717579054ed](https://udemy.com/UC-bb93733a-0105-4f77-b0a8-9717579054ed)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## **Sekh Mahammad Hujaiifa**

Date **June 6, 2022**

Length **36 total hours**





Certificate no: UC-984c4512-8826-4282-a7ea-ee34613657cf

Certificate url: [ude.my/UC-984c4512-8826-4282-a7ea-ee34613657cf](https://ude.my/UC-984c4512-8826-4282-a7ea-ee34613657cf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting-Adjusting Entries & Financial Statement

Instructors **Robert (Bob) Steele**

## **Sekh Mahammad Hujaiifa**

Date **June 7, 2022**

Length **12 total hours**



Certificate no: UC-db9395e2-99fa-40b6-b746-259549fe4dd2

Certificate url: [ude.my/UC-db9395e2-99fa-40b6-b746-259549fe4dd2](https://udemy.com/UC-db9395e2-99fa-40b6-b746-259549fe4dd2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

## **Sekh Mahammad Hujaiifa**

Date **June 6, 2022**

Length **11 total hours**



Certificate no: UC-6116908d-45fa-471c-bd18-2f4836eed4db

Certificate url: [ude.my/UC-6116908d-45fa-471c-bd18-2f4836eed4db](https://ude.my/UC-6116908d-45fa-471c-bd18-2f4836eed4db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2023

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens, Beck Robertson**

## **Sekh Mahammad Hujaiifa**

Date **Jan. 3, 2023**

Length **74.5 total hours**





Certificate no: UC-3a3969ba-20eb-4710-92a6-7b5e3b52d1f0

Certificate url: [ude.my/UC-3a3969ba-20eb-4710-92a6-7b5e3b52d1f0](https://ude.my/UC-3a3969ba-20eb-4710-92a6-7b5e3b52d1f0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Adobe Lightroom Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Sekh Mahammad Hujaiifa

Date **April 5, 2023**

Length **46.5 total hours**

Name - Ahana De  
University Roll - 17600120010  
Class Roll - 13



1.



2.



# VERIFIED CERTIFICATE OF ACHIEVEMENT



*John V. Ahl*  
John V. Ahl  
President of the University System of Maryland  
University of Maryland

This achievement is for

**Ahana De**

successfully completed and received a passing grade for:

**ENES662x: Identifying Entrepreneurial Opportunities**

a course of study offered by UMMS, through learning objectives of University System of Maryland.



COURSERA VERIFIED  
www.coursera.org

UNIVERSITY OF MARYLAND SYSTEM  
www.um.edu

3



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY

This is for

**Ahana De**

successfully received

**Communication theory: bridging academia and practice**

a course of study offered by HSE, through learning objectives of HSE.

*Alya Selivanova M. Mardianova*

Higher School of Economics  
National Research University  
Moscow, Russia  
www.hse.ru

Higher School of Economics  
National Research University  
Moscow, Russia  
www.hse.ru

COURSE  
CERTIFICATE



Higher School of Economics National Research University  
Moscow, Russia  
www.hse.ru

4

Imperial College  
London

For an award

**Ahana De**

For successful completion of

**Creative Thinking: Techniques and Tools for  
Success**

on the Coursera platform, awarded by Imperial College London through  
Coursera

  
Professor Richard Radford  
Imperial College London

COURSE  
CERTIFICATE



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For an award

**Ahana De**

For successful completion of

**A Life of Happiness and Fulfillment**

on the Coursera platform, awarded by ISB through  
Coursera

  
Rajiv Kumar  
ISB

COURSE  
CERTIFICATE



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COURSE  
CERTIFICATE

For the name

**Ahana De**

has successfully completed

**Write Professional Emails in English**

as evidenced by successful completion of the course and all other  
course requirements.

Dean  
College of Business



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7



COURSE  
CERTIFICATE

For the name

**Ahana De**

has successfully completed

**Introduction to Philosophy**

as evidenced by successful completion of the course and all other  
course requirements.

Dean  
College of Arts and Social Sciences



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8



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CERTIFICATE OF COMPLETION

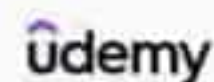
# Git & GitHub For Beginners - Master Git and GitHub (2021)

Instructor: Vlad Ruzhitski

**Ahana De**

Date: June 4, 2022  
Length: 8.5 total hours

9.



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Udacity Inc. 2019. All rights reserved.

CERTIFICATE OF COMPLETION

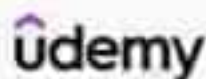
# SQL Masterclass: SQL for Data Analytics

Instructor: Matt Mach Academy

**Ahana De**

Date: June 4, 2022  
Length: 8 total hours

10.



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herein are trademarks of Udemy Inc. in the United States and  
other countries.

CERTIFICATE OF COMPLETION

# HTML & CSS - Certification Course for Beginners

Instructor: Kunal Dawal

**Ahana De**

Date: June 4, 2022  
Length: 4 total hours

11.



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other countries.

CERTIFICATE OF COMPLETION

# Embedded Systems using 8051 Microcontroller

Instructor: Sujit Kumar MA

**Ahana De**

Date: June 4, 2022  
Length: 3.5 total hours

12.



CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors: Dessir Williams, Learn IT University, Andrei Pietakha

**Ahana De**

Date: June 4, 2023

Length: 12.5 total hours



**Verified Certificate**

This is to certify that

**Ahama Oo**

successfully completed and received a passing grade in

**LFS105x: Introduction to Open Source Networking Technologies**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



*Ahama Oo*  
Non-Executive  
 Director & Chairman, Training & Development  
 The Linux Foundation



Verified Certificate  
 Awarded May 15, 2023



Linux Certificate #  
 00000000000000000000000000000000



Linux Foundation  
 5101 Great Valley Road  
 Bldg 200, Suite 200  
 Glen Head, NY 11545  
 USA  
 Phone: +1 716 753 4840  
 Email: [info@linuxfoundation.org](mailto:info@linuxfoundation.org)  
[www.linuxfoundation.org](http://www.linuxfoundation.org)

**Verified**  
Certificate



This is to certify that:

**Ahana Do**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python Applications on AWS**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued May 4, 2023



By *Ahmed Elmaghrabi*  
AWS  
Director, Training and Certification  
Middle East & Africa

17.

www.ck12.org

www.ck12.org

## Verified Certificate

This is to certify that

**Ahana De**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Awarded: Nov 15, 2017

Global Certificate ID  
<https://www.edx.org/certificate/ibm-ai0101en-ahana-de>

# IBM.

*Ahana De*  
IBM  
All rights reserved. Program ID: AI0101EN







## Verified Certificate

This is to certify that

**Ahame De**

successfully completed and received a passing grade in

**AWS-DA-02: Getting Started with Data  
Analytics on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 15, 2018

Verify Certificate ID:

[AWS-DA-02-2018-05-15-11-21-2018](#)



*The Amazon Way of Work*  
**Design, Streamline and Optimize**  
Amazon has always done it.





Certificate no: UC-26eb1fbc-7392-432e-a685-485390517326

Certificate url: [ude.my/UC-26eb1fbc-7392-432e-a685-485390517326](https://ude.my/UC-26eb1fbc-7392-432e-a685-485390517326)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Arkodip Das

Date **May 10, 2024**

Length **21 total hours**





Certificate no: UC-304779a4-b3d0-48c5-9aaf-e61bc66e3649

Certificate url: [ude.my/UC-304779a4-b3d0-48c5-9aaf-e61bc66e3649](https://ude.my/UC-304779a4-b3d0-48c5-9aaf-e61bc66e3649)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors **Faisal Zamir, Jafri Code**

## Arkodip Das

Date **May 10, 2024**

Length **14 total hours**



Certificate no: UC-57d6d115-33e2-453c-abfd-da188ff2345c

Certificate url: [ude.my/UC-57d6d115-33e2-453c-abfd-da188ff2345c](https://ude.my/UC-57d6d115-33e2-453c-abfd-da188ff2345c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter Masterclass (Dart, APIs, Firebase & More) - 2024

Instructors **Sujan Pokhrel**

## Arkodip Das

Date **May 9, 2024**

Length **11 total hours**



Certificate no: UC-9648b08d-15c1-4d78-b879-aa8f2a3ca9f2

Certificate url: [ude.my/UC-9648b08d-15c1-4d78-b879-aa8f2a3ca9f2](https://udemy.com/UC-9648b08d-15c1-4d78-b879-aa8f2a3ca9f2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real NMAP : Elite Network Scanning & Recon in 10 Hours|CNMP+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Arkodip Das

Date **May 7, 2024**

Length **10 total hours**





Certificate no: UC-22c8d03f-bc32-4fed-a553-5202cc7aeef1

Certificate url: [ude.my/UC-22c8d03f-bc32-4fed-a553-5202cc7aeef1](https://ude.my/UC-22c8d03f-bc32-4fed-a553-5202cc7aeef1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build and Deploy Responsive Websites on AWS using HTML & CSS

Instructors **YouAccel Training**

**Arkodip Das**

Date **May 31, 2023**

Length **13.5 total hours**



Certificate no: UC-67beae73-6733-48f8-a5e0-8b276b2b9850

Certificate url: [uda.my/UC-67beae73-6733-48f8-a5e0-8b276b2b9850](https://uda.my/UC-67beae73-6733-48f8-a5e0-8b276b2b9850)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

## Arkodip Das

Date **May 15, 2023**

Length **16.5 total hours**





Certificate no: UC-ad76a290-51b1-4d6d-8efb-50709294a912

Certificate url: [ude.my/UC-ad76a290-51b1-4d6d-8efb-50709294a912](https://ude.my/UC-ad76a290-51b1-4d6d-8efb-50709294a912)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

## Arkodip Das

Date **May 14, 2023**

Length **10 total hours**



May 10, 2023

**Arkodip Das**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line containing four handwritten signatures in black ink, representing the course instructors.

Susan R. Robyns, Devin J. Zischewski, Andrew D. Wilson, Robert Dorval

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/7TC5P2COS27S>

Coursera has validated the identity of this individual and their participation in the course



Apr 30, 2023

**Arkodip Das**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

A horizontal line containing three handwritten signatures in black ink.

Don Sims, Vice of Acad. Ph.D., Ann T. Smith, Ed.D., Vice Prov. ID,  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/58AET5HRU7TC>

Coursera has validated the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Jan 9, 2020

**Arkodip Das**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gentile*

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/F68DUSFIMQUP>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 4, 2023

**Arkodip Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/T2&257AVXTOV>

Coursera has validated the identity of this individual and their participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650103

To  
ARKODIP DAS  
78H/1 S.C.CHATTERJEE STREET,  
A-1, BAGHU HOUSING COMPLEX, KONNAGAR,  
KOLKATA  
WEST BENGAL - 712235  
PH. NO :7605838847



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ARKODIP DAS**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **78** %



Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	28.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 7438

*Deendra Jadhav*

Prof. Deendra Jadhav  
Chairman  
Centre for Distance Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thompson*  
Prof. Andrew Thompson  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31513650103

To validate and check scores: <https://npTEL.ac.in/hoc>



Certificate no: UC-cd6e0a6c-8c04-4822-80aa-620c008d56b1

Certificate url: [uda.my/UC-cd6e0a6c-8c04-4822-80aa-620c008d56b1](https://uda.my/UC-cd6e0a6c-8c04-4822-80aa-620c008d56b1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Samrat Roy Chowdhury

Date **March 2, 2023**

Length **33 total hours**



Certificate no: UC-f4fec4c2-a3f0-4bcf-a5cd-bf84b2c82fa9

Certificate uri: [ude.my/UC-f4fec4c2-a3f0-4bcf-a5cd-bf84b2c82fa9](https://udemy.com/certificate/UC-f4fec4c2-a3f0-4bcf-a5cd-bf84b2c82fa9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Analyst Masterclass with Excel & Google Data Studio

Instructors **Start-Tech Academy**

## Samrat Roy Chowdhury

Date **March 6, 2023**

Length **17.5 total hours**





Certificate no: UC-b3d7a4da-882e-4a32-bf0e-f5929e867687

Certificate url: [ude.my/UC-b3d7a4da-882e-4a32-bf0e-f5929e867687](https://ude.my/UC-b3d7a4da-882e-4a32-bf0e-f5929e867687)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

## **Samrat Roy Chowdhury**

Date **Jan. 2, 2024**

Length **17 total hours**



Certificate no: UC-9a87e214-203a-4af2-a6bf-13a815659ef9  
Certificate url: [ude.my/UC-9a87e214-203a-4af2-a6bf-13a815659ef9](https://ude.my/UC-9a87e214-203a-4af2-a6bf-13a815659ef9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Programación estructurada desde CERO: 4 lenguajes en 1 curso

Instructors **Vladimir Rodríguez**

**Samrat Roy Chowdhury**

Date **Jan. 3, 2024**

Length **19 total hours**





# Georgia Institute of Technology

Dec 9, 2020

**Subham Dinda**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Deans  
GT Language Institute

COURSE  
CERTIFICATE

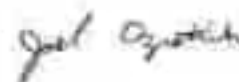


Verify at [coursera.org/verify/GEGRATVFDGA](https://coursera.org/verify/GEGRATVFDGA)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Dretsch

Lecturer, International & English Language Programs

*University of Washington*

This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 18, 2021

Valid Certificate ID  
603aa5e48aaa4c248380a9c7d79c69b8

# Verified Certificate



Rav Ahuja  
AI and Data Science Program Director  
IBM

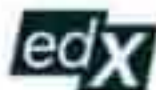
This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 17, 2021

Valid Certificate ID  
[72e4ff945fe74d6487fd9bbb1b737e48](https://courses.edx.org/certificates/72e4ff945fe74d6487fd9bbb1b737e48)

# Verified Certificate



Joseph Santarone  
Data Scientist

IBM

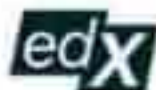
This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate

Issued July 25, 2021

Valid Certificate ID

[8374cd2a26c4940a3e29f6b23f190ad](https://courses.edx.org/certificates/8374cd2a26c4940a3e29f6b23f190ad)

**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Maureen Lomenget".

Maureen Lomenget  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued July 28, 2021

Valid Certificate ID  
[10c9dc46af274e63b6a7bd84f023e792](#)



# Verified Certificate



This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Despres  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued July 25, 2021

Valid Certificate ID  
[1287e0a577144ea28aaa5b85ba070222](https://courses.edx.org/certificates/1287e0a577144ea28aaa5b85ba070222)

**Verified**  
Certificate

HarvardX



Richard Emery

Gregory R. Anrig Research Professor of Educational Leadership

Harvard University

This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued January 31, 2022

Valid Certificate ID  
[b41980be142c4c4bb32edc1d59f1a5b4](#)

# Verified Certificate



Clyde Despresant  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Subham Dinda**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 11, 2022

Valid Certificate ID  
[b25d4ec47faa4bb381f5032df8cf20b8b](https://lfs101x.edx.org/verifcates/b25d4ec47faa4bb381f5032df8cf20b8b)

Google Digital Unlocked

# Subham Dinda

is hereby awarded this certificate of achievement for the successful  
completion of **The Fundamentals of Digital Marketing** certification exam  
on 09/06/2022

*Matt Britic*

President - Google EMEA



*Townsend Pamela Fisher*

CEO - IAB Europe



Certificate no: UC-bc1fd540-9095-4067-8f4f-f65954391e61

Certificate url: [ude.my/UC-bc1fd540-9095-4067-8f4f-f65954391e61](https://udemy.com/certificate/UC-bc1fd540-9095-4067-8f4f-f65954391e61)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Subham Dinda**

Date **Feb. 15, 2023**

Length **38.5 total hours**



# M UNIVERSITY OF MICHIGAN

May 4, 2024

**SOUMYADEEP SAHA**

has successfully completed

**Ethics in Engineering**

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Department of Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/88W5ET85V1A3>

Coursera has validated the identity of this individual and their participation in the course

**UCI** University of  
California, Irvine

Dec 23, 2023

**SOUMYADEEP SAHA**

has successfully completed

**Word Forms and Simple Present Tense**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera.

**COURSE  
CERTIFICATE**



Rachel Fernandez  
Associate  
International Programs

Karen Vallejo  
Associate  
International Programs  
University of California, Irvine

Verify at:  
<https://coursera.org/verify/8MWY6X8H3C7P>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-070610be-5d93-45d5-bfb1-ce014aa2b22b

Certificate url: [ude.my/UC-070610be-5d93-45d5-bfb1-ce014aa2b22b](https://ude.my/UC-070610be-5d93-45d5-bfb1-ce014aa2b22b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## **SOUMYADEEP SAHA**

Date **April 20, 2024**

Length **12 total hours**



Certificate no: UC-d9617f16-88d7-4bbf-8780-4fcfdd338fb0

Certificate url: [ude.my/UC-d9617f16-88d7-4bbf-8780-4fcfdd338fb0](https://udemy.com/UC-d9617f16-88d7-4bbf-8780-4fcfdd338fb0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## **SOUMYADEEP SAHA**

Date **April 20, 2024**

Length **77 total hours**





# Certificate

We certify that Srijoni Mitra  
has completed the following courses on our platform:



## Learn English with Adam

16 hours 17 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student's Signature  
Srijoni Mitra

u4307851

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



## Statement of participation

# Srijoni Mitra

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 13 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good bad right or wrong?*

#### Section 2

*It's not all Orsini to me!*

#### Section 3

*Relationships emotions and ethics*

#### Section 4

*Ethics everywhere*

#### Section 5

*Landscape with Weapon an allegory.*

#### Section 6

*Conclusion*

#### Section 7

*Summary*



Certificate no: UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4

Certificate url: [ude.my/UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4](https://ude.my/UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Srijoni Mitra

Date **May 13, 2024**

Length **16 total hours**

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650147

To  
KUSHAL GHOSH  
16/1 LANE BAIDIE PARA HINDMOTOR HOOGHLY  
WEST BENGAL - 712233  
PH. NO :7603000757



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUSHAL GHOSH**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **71** %

Online Assignments	24.63/25	Programming Exam	25/25	Proctored Exam	21.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







# Georgia Institute of Technology

Dec 26, 2021

**Kushal Ghosh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/STV8ZshYDWBX>

Coursera has validated the identity of this individual and their participation in the course.



intel.



सहभागिता प्रमाण-पत्र  
Certificate of Participation

यह प्रमाणित किया जाता है कि डॉ/सुनी/श्री kushal ghosh \_\_\_\_\_  
ने दिनांक 24/04/2022 को एआई 'ऑन' ऑन प्रोग्राम में भाग लिया एवं एआई 'एप्रिसिएट' का चरण पूरा किया।

This is to certify that Dr./Ms./Mr. kushal ghosh \_\_\_\_\_  
participated in AI For All program and completed the AI Appreciate stage on 24/04/2022 \_\_\_\_\_

\_\_\_\_\_  
Director - AI for All & Jeev  
Government Partnerships & Initiatives Unit

Director - AI for All & Jeev  
Government Partnerships & Initiatives Unit

\_\_\_\_\_  
Director (Training & Skill Education)  
Central Board of Secondary Education

Director (Training & Skill Education)  
Central Board of Secondary Education



Government of India

# CERTIFICATE OF EXCELLENCE

Ministry of  
Education



अभिनंदन!

kushal ghosh

For Successfully Completing Marathi Language Learning Module  
From Bhasha Sangam On 03 Mar 2022 And Securing 90% Marks

We Appreciate Your Effort!



CEO, Mygov

Secretary,  
Department of Higher Education



भारत सरकार

## उत्कृष्टता प्रमाण-पत्र

शिक्षा  
मंत्रालय

my  
Gov  
एक - मंत्रालय

kushal ghosh

को भाषा संगम से 03 Mar 2022 को मराठी भाषा सीखने के मॉड्यूल को सफलतापूर्वक पूर्ण करने और 90% अंक प्राप्त करने पर हार्दिक बधाई।

हम आपके प्रयासों और प्रदर्शन की सराहना करते हैं!



मुख्य कार्यपालक अधिकारी, Mygov

सचिव,  
उच्च शिक्षा विभाग



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for the Completion of Introduction to Computers Training

This is to certify that **KUSHAL GHOSH** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **PRATYAY DEBNATH** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SUDESHNA BANERJEE** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

**Credits: 1    Score: 85.00%**

**June 2nd 2022**

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

**Prof. Kannan M Moudgalya**  
IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.





Certificate no: UC-083f7df7-e495-4bab-a4df-15890003aa0e

Certificate url: [ude.my/UC-083f7df7-e495-4bab-a4df-15890003aa0e](https://ude.my/UC-083f7df7-e495-4bab-a4df-15890003aa0e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

**Sujit kundu**

Date **May 11, 2024**

Length **10 total hours**





UNIVERSITY OF AMSTERDAM

May 14, 2024

Sujit Kundu

has successfully completed

Media ethics & governance

an online non-credit course authorized by University of Amsterdam and offered through  
Coursera

COURSE  
CERTIFICATE



Rutger de Graaf, PhD; Dr. Damian Trilling; Dr. L.R. Salome; Dr. S.H.J. Jacobs; Dr. J.M.F. van Oosten  
Department of Communication Science  
University of Amsterdam

Verify at:  
<https://coursera.org/verify/WVT5JCLYAM45>  
Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-290c558c-4d8d-4016-a15f-d9e8c3c244b8

Certificate url: [ude.my/UC-290c558c-4d8d-4016-a15f-d9e8c3c244b8](https://ude.my/UC-290c558c-4d8d-4016-a15f-d9e8c3c244b8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English Pronunciation Masterclass

Instructors **Rebecca Bower MHSoc. Speech Language Pathologist MHSoc.**

**Sujit kundu**

Date **May 12, 2024**

Length **36.5 total hours**



Certificate no: UC-5f87c6ff-36a2-46bd-a87e-9b11927a7cfd  
Certificate url: [ude.my/UC-5f87c6ff-36a2-46bd-a87e-9b11927a7cfd](https://ude.my/UC-5f87c6ff-36a2-46bd-a87e-9b11927a7cfd)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads Copywriting & Facebook Ads for Real Estate 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Aditi Mishra**

Date **March 15, 2023**

Length **16.5 total hours**





Certificate no: UC-859b4e4a-327f-417e-b1de-eba1d310c40a

Certificate url: [ude.my/UC-859b4e4a-327f-417e-b1de-eba1d310c40a](https://ude.my/UC-859b4e4a-327f-417e-b1de-eba1d310c40a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Aditi Mishra**

Date **March 15, 2023**

Length **38.5 total hours**



Certificate no: UC-095853a3-c08b-44ef-900b-e9e7dde78ef3  
Certificate url: [ude.my/UC-095853a3-c08b-44ef-900b-e9e7dde78ef3](https://ude.my/UC-095853a3-c08b-44ef-900b-e9e7dde78ef3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Navisworks Manage - from Beginner to Advanced

Instructors **Ghasem Ariyani**

## **Aditi Mishra**

Date **Jan. 3, 2024**

Length **23 total hours**





Certificate no: UC-395e4f23-6932-498e-82ab-4cf03540c08c  
Certificate url: [ude.my/UC-395e4f23-6932-498e-82ab-4cf03540c08c](https://udemy.com/UC-395e4f23-6932-498e-82ab-4cf03540c08c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Programación estructurada desde CERO: 4 lenguajes en 1 curso

Instructors **Vladimir Rodríguez**

**Aditi Mishra**

Date **Jan. 3, 2024**

Length **19 total hours**



Certificate no: UC-e797a2c9-9ac0-427f-b73d-0d3df7573b38

Certificate url: [ude.my/UC-e797a2c9-9ac0-427f-b73d-0d3df7573b38](https://ude.my/UC-e797a2c9-9ac0-427f-b73d-0d3df7573b38)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# ChatGPT Job Search Breakthrough: Complete Success Formula

Instructors **Aaron Hillyer**

## **Aditi Mishra**

Date **April 2, 2024**

Length **22 total hours**



Certificate no: UC-07ac607c-587d-4fcb-abfa-cdecc5686c48

Certificate url: [ude.my/UC-07ac607c-587d-4fcb-abfa-cdecc5686c48](https://ude.my/UC-07ac607c-587d-4fcb-abfa-cdecc5686c48)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

**Mayukh Sen**

Date **May 17, 2023**

Length **12.5 total hours**





Certificate no: UC-942a03a0-0af1-4731-bde0-3256590b0a99

Certificate url: [ude.my/UC-942a03a0-0af1-4731-bde0-3256590b0a99](https://www.udemy.com/certificate/UC-942a03a0-0af1-4731-bde0-3256590b0a99)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors **Horizon Tech**

## Mayukh Sen

Date **May 17, 2023**

Length **13 total hours**



Certificate no: UC-a9fac881-c944-47f5-ad4c-8d5070edfed4

Certificate url: [ude.my/UC-a9fac881-c944-47f5-ad4c-8d5070edfed4](https://ude.my/UC-a9fac881-c944-47f5-ad4c-8d5070edfed4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Accounting With C#.NET Core in Windows Forms and SQL

Instructors **Roshan Academy**

## Mayukh Sen

Date **May 11, 2024**

Length **22.5 total hours**





Certificate no: UC-56e59be3-c975-42e6-9b9f-ea62b198a255  
Certificate url: [ude.my/UC-56e59be3-c975-42e6-9b9f-ea62b198a255](https://ude.my/UC-56e59be3-c975-42e6-9b9f-ea62b198a255)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud Professional Cloud Architect: GCP Certification

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Mayukh Sen

Date **May 11, 2024**

Length **22.5 total hours**



Certificate no: UC-21dbb702-9d12-4077-b1cc-feedb7295cc9

Certificate url: [ude.my/UC-21dbb702-9d12-4077-b1cc-feedb7295cc9](https://ude.my/UC-21dbb702-9d12-4077-b1cc-feedb7295cc9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The English Master Course: English Grammar, English Speaking

Instructors **Scott Mendoza**

## Mayukh Sen

Date **May 10, 2023**

Length **42.5 total hours**



Certificate no: UC-0ada5b00-74bc-42a0-99f2-c7d7513138a0

Certificate url: [ude.my/UC-0ada5b00-74bc-42a0-99f2-c7d7513138a0](https://udemy.com/UC-0ada5b00-74bc-42a0-99f2-c7d7513138a0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master C++ Programming From Beginner To Advance - C++ Course

Instructors **Codaming - VeDinesh Academy**

## Soumya Nath

Date **June 7, 2022**

Length **16.5 total hours**





Certificate no: UC-199b47b8-39a7-4d22-b6b0-53f085979eb5  
Certificate url: [ude.my/UC-199b47b8-39a7-4d22-b6b0-53f085979eb5](https://ude.my/UC-199b47b8-39a7-4d22-b6b0-53f085979eb5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Photography : 21 Courses in 1 [Beginner to Expert]

Instructors **Creative Online School**

## Soumya Nath

Date **June 7, 2022**

Length **8.5 total hours**



Certificate no: UC-e266d66f-df47-4afe-8b88-f524b0c945fc  
Certificate url: [ude.my/UC-e266d66f-df47-4afe-8b88-f524b0c945fc](https://ude.my/UC-e266d66f-df47-4afe-8b88-f524b0c945fc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Soumya Nath

Date **June 7, 2022**

Length **8 total hours**





Certificate no: UC-d17189c3-0f31-4f75-96f0-38b0581a522b

Certificate url: [ude.my/UC-d17189c3-0f31-4f75-96f0-38b0581a522b](https://ude.my/UC-d17189c3-0f31-4f75-96f0-38b0581a522b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2023

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens, Beck Robertson**

## Soumya Nath

Date **Jan. 3, 2023**

Length **74.5 total hours**



Certificate no: UC-1938a457-e94e-47c5-934d-61c724561043

Certificate url: [ude.my/UC-1938a457-e94e-47c5-934d-61c724561043](https://ude.my/UC-1938a457-e94e-47c5-934d-61c724561043)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023-Master in Web Designing Skill

Instructors **Faisal Zamir, Jafri Code**

## Soumya Nath

Date **Feb. 11, 2023**

Length **27 total hours**



Certificate no: UC-33908f44-27b9-4b20-a9e0-ea1adcd36208

Certificate url: [ude.my/UC-33908f44-27b9-4b20-a9e0-ea1adcd36208](https://ude.my/UC-33908f44-27b9-4b20-a9e0-ea1adcd36208)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Soumya Nath

Date **Feb. 11, 2023**

Length **8 total hours**



DARDEN SCHOOL  
of BUSINESS

## COURSE CERTIFICATE

Feb 3, 2022

# SUMON BANERJEE

has successfully completed

## Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera



*May C. Gentile*

May C. Gentile  
Deputy Director, Center for Innovation  
Professor of Practice  
Darden School of Business  
University of Virginia

Verify at:  
[coursera.org/verify/UG03GOY39N79](https://coursera.org/verify/UG03GOY39N79)

Coursera has confirmed the identity of this individual and their participation in the course.



May 16, 2022

**SUMON BANERJEE**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alexander Phillips, PhD  
Professor  
Corporate Engineering, Coursera, Johnson and  
Johnson Engineering

Michael J. Hopcraft, PhD  
Professor  
Computer Science, Corporate Engineering, Services, Operations, Development and Facilities

Verify at:  
<https://coursera.org/verify/8121954NCR3T>

Coursera has confirmed the identity of this individual and their  
participation in the course.





COURSE  
CERTIFICATE

Apr 19, 2022

SUMON BANERJEE

has successfully completed

Programming for Everybody (Getting Started with  
Python)

an online non-credit course authorized by University of Michigan and offered through  
Coursera



A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Erasmus,  
Ethical Director, Field of Education  
Department of Medicine

Verify at:  
<https://coursera.org/verify/16NDM2T58YX2>

Coursera has confirmed the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

Dec 4, 2021

**Sumon Banerjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gary London  
Lecturer  
UT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZTR6A4S9W4WQU](https://coursera.org/verify/ZTR6A4S9W4WQU)

Coursera has confirmed the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

Aug 5, 2022

**SUMON BANERJEE**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Wayne E. Williams, Ph.D., P.E. | Dr. Sumon Banerjee  
Senior Academic Professional | Dean of Professional Education  
Mechanical School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WB295T78495D>

Coursera has confirmed the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

Oct 16, 2022

**SUMON BANERJEE**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Dr. Philip Roberts | Dr. Robert Baker  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7691V2RAGUP68>

Coursera has confirmed the identity of this individual and their  
participation in the course



Feb 23, 2023

**SUMON BANERJEE**

has successfully completed

**What is Data Science?**

An online non-credit course authorized by IBM Skills Network and offered through Coursera

Sum Banerjee  
Global Program Director  
IBM Skills Network

Sum Banerjee, Ed.D.  
IBM Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/verify>

For more information, contact your local IBM Skills Network representative or visit  
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Certificate no: UC-63b1c847-6cae-4f94-bb8c-ca47be298f87

Certificate url: [ude.my/UC-63b1c847-6cae-4f94-bb8c-ca47be298f87](https://ude.my/UC-63b1c847-6cae-4f94-bb8c-ca47be298f87)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript Projects Course

## Build 20 Projects in 20 Days

Instructors **Vijay Kumar**

# Priyasi Mishra

Date **May 4, 2024**

Length **13.5 total hours**



Certificate no: UC-e6165a71-ac52-47e2-a8c6-818eb2bd294a

Certificate url: [ude.my/UC-e6165a71-ac52-47e2-a8c6-818eb2bd294a](https://ude.my/UC-e6165a71-ac52-47e2-a8c6-818eb2bd294a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 30 HTML CSS & JavaScript Projects A Beginner's Guide to JS

Instructors **Vijay Kumar**

**Priyasi Mishra**

Date **May 4, 2024**

Length **16 total hours**



Certificate no: UC-19ae1499-1566-4fe8-8b02-165d6c2a7947

Certificate url: [ude.my/UC-19ae1499-1566-4fe8-8b02-165d6c2a7947](https://udemy.com/certificate/UC-19ae1499-1566-4fe8-8b02-165d6c2a7947)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

**Priyasi Mishra**

Date **May 4, 2024**

Length **8.5 total hours**



Udemy Inc. 2023  
Certificate of Completion  
Reference Number: 1024

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors: **Nemanth kumar**

**Tannishtha Moitra**

Date: **May 9, 2023**

Length: **11 total hours**



Certificate of Completion  
Certificate of Completion  
Reference Number: 2023

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors: YouAccel Training

**Tannishtha Moitra**

Date: May 9, 2023

Length: 18 total hours





Certificate No. | 2C488996cc-8792-4658-b496-b430276e77  
Certificate URL | udacity.com/certificate/2C488996cc-8792-4658-b496-b430276e77  
Reference Number | 0000

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors | YouAccel Training

**Tannishtha Moitra**

Date | May 9, 2023

Length | 8 total hours



Udemy is an online learning platform that offers a wide range of courses in various subjects. The platform is known for its high-quality content and flexible learning options. It was founded in 2010.

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: **Yusuf Khatir**

**Tannishtha Moitra**

Date: **May 16, 2023**

Length: **24 total hours**



Certificate ID: UC22052023-0000-4986-1023-8464286427  
Certificate URL: <https://www.udacity.com/certificate/UC22052023-0000-4986-1023-8464286427>  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# Ultimate Ethical Hacking from Zero To Hero

Instructors: **MMZ Academy**

**Tannishtha Moitra**

Date: **May 16, 2023**

Length: **10.5 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**AYAAN BOSE**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	18.75/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



#roll No: NPTEL23MG415430201 T7

To validate the certificate



No. of credits recommended: 2 or 3





Certificate no: UC-f0f9ca96-d86d-4da3-bce3-107ec818f000

Certificate url: [ude.my/UC-f0f9ca96-d86d-4da3-bce3-107ec818f000](https://udemy.com/certificate/UC-f0f9ca96-d86d-4da3-bce3-107ec818f000)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python For Data Engineering 2023 Edition

Instructors **Aviral Bhardwaj**

## Ayaan Bose

Date **May 25, 2023**

Length **9.5 total hours**



# Georgia Institute of Technology

May 23, 2023

**Ayaan Bose**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/SI6P3C240M73>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-7b0129db-8297-4873-b0c5-e8319e227943

Certificate url: [ude.my/UC-7b0129db-8297-4873-b0c5-e8319e227943](https://ude.my/UC-7b0129db-8297-4873-b0c5-e8319e227943)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Data Analysis & Visualization in python Masterclass

Instructors **Jobshie Academy**

## Ayaan Bose

Date **May 24, 2023**

Length **13 total hours**



Certificate no: UC-28240b0e-aab2-4682-8129-aba00ce15033

Certificate url: [ude.my/UC-28240b0e-aab2-4682-8129-aba00ce15033](https://ude.my/UC-28240b0e-aab2-4682-8129-aba00ce15033)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# NIST Cybersecurity A-Z: NIST Risk Management Framework (RMF)

Instructors **Standard Certifications**

## Ayaan Bose

Date **May 26, 2023**

Length **9.5 total hours**





Certificate no: UC-49f92204-dbb-4622-8d41-93b82dfbbd1e

Certificate url: [ude.my/UC-49f92204-dbb-4622-8d41-93b82dfbbd1e](https://ude.my/UC-49f92204-dbb-4622-8d41-93b82dfbbd1e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors **Horizon Tech**

## Ayaan Bose

Date **May 25, 2023**

Length **13 total hours**



# Yale

May 26, 2023

**Ayaan Bose**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/EVF0XNT187U>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-13d8ee6d-b40d-403c-a146-5c3b55aa5593

Certificate url: [ude.my/UC-13d8ee6d-b40d-403c-a146-5c3b55aa5593](https://ude.my/UC-13d8ee6d-b40d-403c-a146-5c3b55aa5593)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Ayaan Bose**

Date **May 16, 2024**

Length **9.5 total hours**



Certificate no: UC-68c4e6d2-bdb9-4211-986f-65d459d71f3f

Certificate url: [ude.my/UC-68c4e6d2-bdb9-4211-986f-65d459d71f3f](https://ude.my/UC-68c4e6d2-bdb9-4211-986f-65d459d71f3f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Core JAVA Bootcamp from Zero to Hero

Instructors **Surendra Varma Pericherla**

## Ayaan Bose

Date **May 16, 2024**

Length **15.5 total hours**



Certificate no: UC-c5deb105-8ba4-4b0d-bf80-7a3b1e673eb3

Certificate url: [ude.my/UC-c5deb105-8ba4-4b0d-bf80-7a3b1e673eb3](https://ude.my/UC-c5deb105-8ba4-4b0d-bf80-7a3b1e673eb3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Complete Beginner's Guide

Instructors **Saleh Zarei**

## Ayaan Bose

Date **May 16, 2024**

Length **11.5 total hours**





Certificate no: UC-ac6f4596-6ee1-4c53-b934-91dcb630ebdb  
Certificate url: [ude.my/UC-ac6f4596-6ee1-4c53-b934-91dcb630ebdb](https://ude.my/UC-ac6f4596-6ee1-4c53-b934-91dcb630ebdb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Course in AutoCAD Electrical 2021

Instructors **CADCIM Technologies**

## Ayaan Bose

Date **May 16, 2024**

Length **19 total hours**



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22EE15543020249

To  
SUSMITA SARNAKAR  
TANTIPARA, HOOGHLYGHAT, HOOGHLY  
CHINSURAH, HOOGHLY  
HOOGHLY  
WEST BENGAL - 712103  
PH. NO : 916291992525



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUSMITA SARNAKAR**  
for successfully completing the course

## Analog Circuits

with a consolidated score of **50** %

Online Assignments	19.5/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 172

Jan-Mar 2022  
(8 week course)

Prof. Sridhar Iyer  
Head COEP & NPTEL, Coordinator  
IT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22EE15543020249

To validate and check scores: <https://nptel.ac.in/noc>



Udemy Inc. 2200 California Street, Suite 400, San Francisco, CA 94115  
Certificate of Completion for Udemy Course ID: 47614766-477674204  
Reference Number: 1000

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructor: Robert (Bob) Steele

**Susmita Sarnakar**

Date: 13 May 2022

Length: 25 total hours



Udemy Inc. 4000...  
San Francisco, CA 94103-1000  
© 2020 Udemy, Inc.

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructor: Robert (Bob) Smith

**Susmita Sarnakar**

Date: 10 May 2022  
Length: 26 total items

---

This certificate is computer generated and can be verified by scanning the QR code given below:

Roll No: NPTEL22CS31513650272

To  
SUSMITA SARNAKAR  
TANTIPARA, HOOGHLYGHAT, HOOGHLY  
CHINSURAH, HOOGHLY  
HOOGHLY  
WEST BENGAL - 712103  
PH. NO. 016291992525



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUSMITA SARNAKAR**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **72** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	22/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

*Devendra Jalihal*

Prof. Devendra Jalihal

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2022

(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31513650272

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS53523650528

To  
SUSMITA SARNAKAR  
TANTIPARA, HOOGHLYGHAT, HOOGHLY  
CHINSURAH, HOOGHLY  
HOOGHLY  
WEST BENGAL - 712103  
PH. NO. 016291092525



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$\leq 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUSMITA SARNAKAR**  
for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	24.16/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 6573

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS53523650528

To validate and check scores: <https://nptel.ac.in/noc>



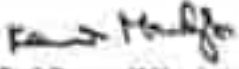


## Certificate for Completion of C Training

This is to certify that **SUSMITA SARNAKAR** has successfully completed **C** test organized at **Hooghly Engineering & Technology College** by **SUBHOJIT MALIK** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Manish Kumar Singh** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 3rd 2022

  
Prof. Subhojit Malik  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

3114722781



अंतरिक्ष विभाग DEPARTMENT OF SPACE  
 भारत सरकार GOVERNMENT OF INDIA  
 भारतीय अंतरिक्ष अनुसंधान संगठन INDIAN SPACE RESEARCH ORGANISATION  
 भारतीय दूर दृष्टिकरण संस्थान, देहरादून INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



संकेत सं. / Enrolment No.: 2022RH1524243



## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

श्री उपासक

**MS. KUSHITA SARNAKAR**

श्री - महिला विभाग, इन्फोसिस, मुंबई, पुणे, गुवाहाटी, कोलकाता, चेन्नई, नए दिल्ली, नए दिल्ली, नए दिल्ली -  
 के अतिरिक्त अन्य स्थानों पर भी।

इस ऑनलाइन पाठ्यक्रम का आयोजन 02 मई, 2022 से 13 मई, 2022 तक आयोजित की गया है। कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट। (कुल पाठ्यक्रम का आयोजन 02 मई, 2022 से 13 मई, 2022 तक आयोजित किया गया है। कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट।)

THIS CERTIFICATE IS  
AWARDED TO

**MS. KUSHITA SARNAKAR**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Artificial Intelligence (AI) for Earth Observations (EO) and Geospatial Data Handling and Processing"**


THIS ONLINE COURSE WAS CONDUCTED DURING 02-05-2022 to 13-05-2022 ( Total course duration was = 10 hours and 30 minutes ).


(Convenor: IRS Rural Centre- Wagholi Engineering & Technology College)

Date: 24-05-2022

Place: Dehradun

URL: <https://www.isro.gov.in/> (For more information, visit the website of ISRO, <https://www.isro.gov.in/>)

  
 आयोजक, विश्वविद्यालय/संस्थान  
 Convenor, University/Institution

  
 निदेशक / Director  
 आई आई आर एन, देहरादून, भारत



Certificate ID: UC-PH-40095-464-454-4216-2468467468  
Certificate URL: udacity.com/UC-PH-40095-464-454-4216-2468467468  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Managerial Accounting / Cost Accounting

Instructor: Robert (Bob) Steele

**Susmita Sarnakar**

Date: 29 Jan 2023

Length: 63.5 total hours



Certificate no: UC-126L7P-1889-4188-4188-4188-4188  
Certificate of achievement: UC-126L7P-1889-4188-4188-4188-4188  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructor: Hemant Kumar

**Susmita Sarnakar**

Date: 9 Feb 2023

Length: 45.5 total hours



# Certificate

We certify that Srijoni Mitra  
has completed the following courses on our platform:



## Learn English with Adam

16 hours 17 minutes - From 14/05/2024 to 14/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student's Signature  
Srijoni Mitra

u4307851

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



## Statement of participation

# Srijoni Mitra

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 13 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE:** ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsok to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everyday

#### Section 5

Landscape with Weapon an allegory.

#### Section 6

Conclusion

#### Section 7

Summary



Certificate no: UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4

Certificate url: [ude.my/UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4](https://ude.my/UC-7e118e90-5415-4e16-b9a8-4bfb47ea8be4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Srijoni Mitra

Date **May 13, 2024**

Length **16 total hours**



# Georgia Institute of Technology

Apr 15, 2023

**ARIFUR RAHMAN**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Maham Baker  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/58063C6B0C>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Apr 15, 2023

**ARIFUR RAHMAN**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WMTStuCEt509>

Coursera has certified the identity of this individual and their participation in the course.



# **I** ILLINOIS

May 16, 2023

**ARIFUR RAHMAN**

has successfully completed

**Ethics, Culture, and Global Perspectives**

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



W. Brooks Elliott  
Associate Dean and Ed Professor  
Dier College of Business

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TV786596C1NG>

Coursera has confirmed the identity of this individual and their  
participation in the course

# **M** UNIVERSITY OF MICHIGAN

May 13, 2013

**ARIFUR RAHMAN**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CX6SH1D70N1>

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION  
UNIVERSIDAD PYTHON - DE CERO A EXPERTO MÁS COMPLETO +71 HRS  
COURSE ID: 1234567890

CERTIFICATE OF COMPLETION

# Universidad Python - De Cero a Experto Más Completo +71 hrs

Instructor: Global Mentoring Inc. Ubaldo Acosta

**AKASH MAITY**

Date: May 14, 2024

Length: 71.5 total hours



Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/00000000-0000-0000-0000-000000000000](#)  
Issued on: October 2024

CERTIFICATE OF COMPLETION

# iOS, Swift & SwiftUI - Complete iOS App Development

Instructor: ROLAN MARAT

**AKASH MAITY**

Date: May 9, 2024

Length: 21 total hours



Certificate of Completion  
for the course  
Universidad Desarrollo Web - FrontEnd Web Developer!  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Universidad Desarrollo Web - FrontEnd Web Developer!

Instructor: Global Mentoring Ing. Ubaldo Acosta

**AKASH MAITY**

Date: May 15, 2024

Length: 30,5 total hours





# Georgia Institute of Technology

Nov 27, 2021

**SANDIPAN SAMANTA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/W4SCOHG18834>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 6, 2022

**SANDIPAN SAMANTA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/GWTDLNP1C10H>

Coursera has certified the identity of this individual and their participation in the course.



# ISB

May 25, 2021

## SANDIPAN SAMANTA

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/828UUMMEG548>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-03aa891a-2a5b-4c89-b3dc-8d36eb028e5e  
Certificate url: [ude.my/UC-03aa891a-2a5b-4c89-b3dc-8d36eb028e5e](https://ude.my/UC-03aa891a-2a5b-4c89-b3dc-8d36eb028e5e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Python and Django Learning Guide

Instructors **Hassan Fulaih**

## Sandipan Samanta

Date **June 2, 2022**

Length **9 total hours**

# M UNIVERSITY OF MICHIGAN

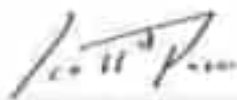
Mar 12, 2023

SANDIPAN SAMANTA

has successfully completed

Model Thinking

an online non-credit course authorized by University of Michigan and offered through Coursera



SCOTT PAGE  
KIMBLEE DEEPTI SHARMA LEARNING DESIGNER UNIVERSITY PROFESSOR  
UNIVERSITY OF MICHIGAN

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/988070441540>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-31c21caa-6eed-4acc-81e6-4972f54555bb

Certificate url: [ude.my/UC-31c21caa-6eed-4acc-81e6-4972f54555bb](https://ude.my/UC-31c21caa-6eed-4acc-81e6-4972f54555bb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Web Designing Course | Web-Development BootCamp

Instructors **Faisal Zamir, Jafri Code**

## **Sandipan Samanta**

Date **March 25, 2023**

Length **27 total hours**



Certificate no: UC-c797e210-1b45-4f88-acf0-2a1b79c2df74

Certificate url: [ude.my/UC-c797e210-1b45-4f88-acf0-2a1b79c2df74](https://ude.my/UC-c797e210-1b45-4f88-acf0-2a1b79c2df74)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting & SEO for Beginners: Complete Copywriting Course

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## **Sandipan Samanta**

Date **March 26, 2023**

Length **12 total hours**



Certificate no: UC-7dddd5ab-333f-4d54-8074-b1bf20f5de19

Certificate url: [ude.my/UC-7dddd5ab-333f-4d54-8074-b1bf20f5de19](https://ude.my/UC-7dddd5ab-333f-4d54-8074-b1bf20f5de19)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Nomad Lifestyle: Live Your Dream & Travel the World

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Thomas Talavera Karlake, Beck Robertson**

## Sandipan Samanta

Date **March 26, 2023**

Length **8.5 total hours**





Certificate no: UC-cc600835-bb9e-4aff-bec0-453aac3a57a4

Certificate url: [ude.my/UC-cc600835-bb9e-4aff-bec0-453aac3a57a4](https://udemy.com/certificate/UC-cc600835-bb9e-4aff-bec0-453aac3a57a4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete 2024 Web Development Bootcamp

Instructors **Dr. Angela Yu**

## Pradip Dutta

Date **May 21, 2024**

Length **61.5 total hours**



Certificate no: UC-aa42d985-9ded-41be-ad0e-7fa0c86a110c

Certificate url: [ude.my/UC-aa42d985-9ded-41be-ad0e-7fa0c86a110c](https://ude.my/UC-aa42d985-9ded-41be-ad0e-7fa0c86a110c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Pradip Dutta

Date **May 22, 2024**

Length **33 total hours**





Certificate no: UC-7a3a039b-3b1d-419a-8a03-e5d3911eea5c

Certificate url: [ude.my/UC-7a3a039b-3b1d-419a-8a03-e5d3911eea5c](https://ude.my/UC-7a3a039b-3b1d-419a-8a03-e5d3911eea5c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Tamal Hazra

Date **April 11, 2023**

Length **9.5 total hours**



Certificate no: UC-8fafc82f-7279-4fc0-9343-2ac5e89b7674

Certificate url: [ude.my/UC-8fafc82f-7279-4fc0-9343-2ac5e89b7674](https://ude.my/UC-8fafc82f-7279-4fc0-9343-2ac5e89b7674)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Bootstrap & React Bootcamp with Hands-On Projects

Instructors **YouAccel Training**

**Tamal Hazra**

Date **April 11, 2023**

Length **13 total hours**



Certificate no: UC-040a7ef6-02dd-4bc7-be61-408a8c252c8c

Certificate url: [udemy.com/UC-040a7ef6-02dd-4bc7-be61-408a8c252c8c](https://udemy.com/UC-040a7ef6-02dd-4bc7-be61-408a8c252c8c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors **Faisal Zamir, Jafri Code**

**Tamal Hazra**

Date **April 25, 2023**

Length **13.5 total hours**





Certificate no: UC-66e03d04-07be-462e-bfe9-1e2fdb446c4f

Certificate url: [ude.my/UC-66e03d04-07be-462e-bfe9-1e2fdb446c4f](https://ude.my/UC-66e03d04-07be-462e-bfe9-1e2fdb446c4f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructors **YouAccel Training**

## Tamal Hazra

Date **April 17, 2023**

Length **11 total hours**



Certificate no: UC-3227e7d4-1a29-4e3b-aacb-601de9636ceb  
Certificate url: [ude.my/UC-3227e7d4-1a29-4e3b-aacb-601de9636ceb](https://ude.my/UC-3227e7d4-1a29-4e3b-aacb-601de9636ceb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## Tamal Hazra

Date **April 11, 2023**

Length **8 total hours**





Certificate no: UC-e10dc150-9cea-49df-8cfa-41b68af6ab02  
Certificate url: [ude.my/UC-e10dc150-9cea-49df-8cfa-41b68af6ab02](https://ude.my/UC-e10dc150-9cea-49df-8cfa-41b68af6ab02)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Dynamic Programming Algorithms

Instructors **Md. A. Barik**

## Tamal Hazra

Date **April 13, 2023**

Length **11.5 total hours**



Certificate no: UC-0a6002e9-86ca-4522-8f40-b55effbd60da

Certificate url: [udemy.com/UC-0a6002e9-86ca-4522-8f40-b55effbd60da](https://udemy.com/UC-0a6002e9-86ca-4522-8f40-b55effbd60da)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors **Srinidhi Ranganathan, Saranya S**

**Tamal Hazra**

Date **April 11, 2023**

Length **22 total hours**



# Certificate

We certify that **Arijit Roy**  
has completed the following courses on our platform:



**Artificial Intelligence with Python by CS50**

12 hours 40 minutes - From 10/05/2024 to 10/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Arijit Roy

u4296061

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Arijit Roy**  
has completed the following courses on our platform:



**Project Management for managers by IIT Roorkee**

31 hours 41 minutes - From 11/05/2024 to 11/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Arijit Roy

u4296061

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





Certificate no: UC-bddcfe53-b9be-4a50-94a5-f10e60e9aeea

Certificate url: [ude.my/UC-bddcfe53-b9be-4a50-94a5-f10e60e9aeea](https://ude.my/UC-bddcfe53-b9be-4a50-94a5-f10e60e9aeea)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Arijit Roy

Date **Dec. 13, 2023**

Length **77 total hours**





Apr 9, 2023

**PRASANTA MONDAL**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TW227nVC8v7n52>

Coursera has certified the identity of this individual and their participation in the course.

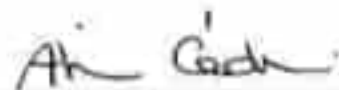
Apr 2, 2023

**PRASANTA MONDAL**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Neuroscience, and Policy

Verify at:  
<https://coursera.org/verify/YMPADG3WAA12>

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Yale

May 26, 2023

**PRASANTA MONDAL**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Truman Rogers Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/1994L2T158U>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: LIC-021587-1834-4419-0580-781070958ecf  
Certificate url: udemy/certificate/021587-1834-4419-0580-781070958ecf  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sales Skills and Soft Skills For Marketing & Negotiation

Instructors: **Edcorner Learning**

**Shreya Roy**

Date: **May 19, 2024**

Length: **32 total hours**



Certificate no: UC-8b4dc07-40c0-46a0-ad8a-147564020016  
Certificate url: <https://www.udemy.com/certificate/UC-8b4dc07-40c0-46a0-ad8a-147564020016>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Bootcamp: 30 Hours Of Step By Step Python Lessons

Instructors: **Peter Alkema**

**Shreya Roy**

Date: **May 19, 2024**

Length: **30 total hours**





Certificate no: UC-50d88173-91ea-400a-8381-d602f1c37050  
Certificate url: udemy/UC-50d88173-91ea-400a-8381-d602f1c37050  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Shreya Roy**

Date: **May 19, 2024**

Length: **8 total hours**



Certificate ID: UC-9356255-4761-4028-7967-427632956553  
Certificate URL: <https://www.udemy.com/certificate/UC-9356255-4761-4028-7967-427632956553>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors **Horizon Tech**

**Sundram Kumar jha**

Date **10 मई 2024**

Length **13 total hours**

## Statement of participation

# Sundram Jha

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 22 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

COURSE CODE: ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in Information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good, bad, right or wrong?*

#### Section 2

*It's not all Greek to me!*

#### Section 3

*Relationships, emotions and ethics*

#### Section 4

*Ethics everyday*

#### Section 5

*Landscape with Weapons an allegory*

#### Section 6

*Conclusion*

#### Section 7

*Summary*



# Certificate

We certify that **Sundram Kumar jha**  
has completed the following courses on our platform:



## Learn English with Adam

23 hours 26 minutes - From 21/05/2024 to 25/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sundram Kumar jha

u4339670

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Sundram Kumar jha**  
has completed the following courses on our platform:



**Python with Django complete course by Telusko**

15 hours 19 minutes - From 21/05/2024 to 21/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sundram Kumar jha

u4339670

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: LIC-021587-1834-4419-0580-781070958ecf  
Certificate url: udemy/certificate/021587-1834-4419-0580-781070958ecf  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sales Skills and Soft Skills For Marketing & Negotiation

Instructors: **Edcorner Learning**

**Shreya Roy**

Date: **May 19, 2024**

Length: **32 total hours**



Certificate no: UC-8b4dc07-40c0-46a0-ed8a-147564020016  
Certificate url: <https://udemy.com/uc-8b4dc07-40c0-46a0-ed8a-147564020016>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Bootcamp: 30 Hours Of Step By Step Python Lessons

Instructors: **Peter Alkema**

**Shreya Roy**

Date: **May 19, 2024**

Length: **30 total hours**



Certificate no: UC-50d88173-91a0-400a-8381-d602f1c37050  
Certificate url: udemy/UC-50d88173-91a0-400a-8381-d602f1c37050  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Shreya Roy**

Date: **May 19, 2024**

Length: **8 total hours**



Apr 25, 2022

**Pranay Sen Choudhury**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4M1UJ2TR4GH2>

Coursera has confirmed the identity of this individual and their participation in the course.





May 23, 2023

Pranay Sen Choudhury

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent Chubb*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/2VE96COE4s7z>

Coursera has confirmed the identity of 994 individuals and their participation in the course.



**Georgia Institute**  
**of Technology**

Jan 6, 2025

**Pranay Sen Choudhury**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/TZLSNAC5GV8W](https://coursera.org/verify/TZLSNAC5GV8W)

Coursera has certified the identity of this individual and their participation in the course.

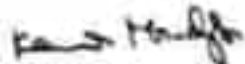


## Certificate for Completion of Introduction to Computers Training

This is to certify that **PRANAY SEN CHOUDHURY** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kanan M Bhattacharya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



THE UNIVERSITY  
*of* EDINBURGH

Jan 8, 2025

**Pranay Sen Choudhury**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Douvan Pritchard, Yulia Lomda, Matthew Chomson, Allan Walker, Michael Maguire, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EDUCE@BH00G>

Coursera has confirmed the identity of this individual and their  
participation in the course.

Jan 11, 2022

**Pranay Sen Choudhury**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Management, and Policy

Verify at:  
<https://coursera.org/verify/66026C7N8H92>

Coursera has verified the identity of this individual and their  
participation in the course.





Apr 15, 2023

**Pranay Sen Choudhury**

has successfully completed

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Saccamanga  
Senior Data Scientist  
IBM

Joseph Saccamanga  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/Verify/CFAT7A881VFA>

Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

**Pranay Sen Choudhury**

has successfully completed

**Tools for Data Science**

an online non-credit course authorized by IBM and offered through Coursera

Anurag Kumar  
Course Leader

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ANXD3EDU/CUR>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-f700ded5-a6db-4295-8569-0e947ce3aca4  
Certificate url: [ude.my/UC-f700ded5-a6db-4295-8569-0e947ce3aca4](https://ude.my/UC-f700ded5-a6db-4295-8569-0e947ce3aca4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Pranay Sen Choudhury

Date **May 9, 2023**

Length **12 total hours**



Certificate no: UC-8c0d7a86-2d6f-4a43-934a-ad5d0b07e429

Certificate url: [ude.my/UC-8c0d7a86-2d6f-4a43-934a-ad5d0b07e429](https://ude.my/UC-8c0d7a86-2d6f-4a43-934a-ad5d0b07e429)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Pranay Sen Choudhury

Date **May 9, 2023**

Length **8 total hours**



Certificate of Completion for course: Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2022  
Course ID: 10871026472  
Issued on: June 11, 2022

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2022

Instructors: Hemant Kumar

**Riya dey**

Date: June 11, 2022

Length: 17 total hours





Certificate ID: UCDFW4T864W65L5424522976627  
Certificate Issued On: 06/01/2023 17:48:00 UTC+05:30  
Reference Number: 3223

CERTIFICATE OF COMPLETION

# The Python and Django Learning Guide

Instructor: Hassan Fuleh

**Riya dey**

Date: Jan. 6, 2023

Length: 9 total hours



Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udemy.com/certificate/UC-00000000-0000-0000-0000-000000000000](#)  
Issued on: 06/01/2023

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructor: Hassan Fulaih

**Riya dey**

Date: Jan. 6, 2023

Length: 10 total hours



Certificate of Completion  
Certificate of Completion for the course  
Certificate of Completion

CERTIFICATE OF COMPLETION

# The C++ Learning Guide

Instructors: Hassan Fuleih

**Riya Dey**

Date: June 7, 2022

Length: 10 total hours



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CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors: Trevor Williams, Learn IT University, Andrii Platakha

**Riya Dey**

Date: **May 30, 2022**

Length: **12.5 total hours**



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Updated: 2022

CERTIFICATE OF COMPLETION

# WebServices testing (RestSharp + Postman) Complete Guide

Instructors: Tigran Ter-Karapetyants, Andrii Platakha

**Riya Dey**

Date: May 30, 2022

Length: 9.5 total hours





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CERTIFICATE OF COMPLETION

# Adobe Premiere Pro 2022 Ultimate Guide

Instructor: Learn Tech Plus

**Riya Dey**

Date: June 7, 2022

Length: 13.5 total hours



Certificate no. UC-102330542406-8465-6466-07100001400  
Certificate no. uc-102330542406-8465-6466-07100001400  
Reference number: 056

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2022

Instructors: Web Coding

**Riya Dey**

Date: June 7, 2022

Length: 4.5 total hours



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Denver, CO 80231 USA  
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CERTIFICATE OF COMPLETION

# Excel Accounting 1- Transactions for Common Data Input Forms

Instructors: Robert (Bob) Steele

**Riya Dey**

Date: June 7, 2022

Length: 8.5 total hours





Udemy is an online learning platform that provides  
courses in a wide range of subjects. The platform is  
available in 190+ countries.

CERTIFICATE OF COMPLETION

# Aerospace Masterclass: Transonic Aerodynamics

Instructors: Martin Yanov, Plamen Yanov

**Riya Dey**

Date: May 30, 2023

Length: 8 total hours





Certificate of Completion  
Certificate of Completion for the course  
Accounting 101

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop - Bookkeeping Business-Easy Way

Instructors: Robert (Bob) Steele

**Riya Dey**

Date: May 29, 2022

Length: 15 total hours



Certificate no: UC-6679bba0-118e-4944-a309-ed188949b71f

Certificate url: [ude.my/UC-6679bba0-118e-4944-a309-ed188949b71f](https://ude.my/UC-6679bba0-118e-4944-a309-ed188949b71f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors **Jackson Kailath**

**Arnab Dey**

Date **May 3, 2024**

Length **19.5 total hours**



Certificate no: UC-6b5269cf-3cde-46ac-8aa7-5dbb3de726e8

Certificate url: [ude.my/UC-6b5269cf-3cde-46ac-8aa7-5dbb3de726e8](https://ude.my/UC-6b5269cf-3cde-46ac-8aa7-5dbb3de726e8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors **Hemanth kumar**

## Arnab Dey

Date **May 4, 2024**

Length **11 total hours**



Certificate no: UC-058c8f22-07c0-4821-9e47-40b696f37b4b

Certificate url: [ude.my/UC-058c8f22-07c0-4821-9e47-40b696f37b4b](https://ude.my/UC-058c8f22-07c0-4821-9e47-40b696f37b4b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 20 Web Projects build 20 HTML, CSS and JavaScript projects

Instructors **Vijay Kumar**

## Arnab Dey

Date **May 5, 2024**

Length **10.5 total hours**





Certificate no: UC-f30491da-ace9-45bd-a59d-6282bd4ad9b4

Certificate url: [ude.my/UC-f30491da-ace9-45bd-a59d-6282bd4ad9b4](https://ude.my/UC-f30491da-ace9-45bd-a59d-6282bd4ad9b4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Communication Skills PLUS Leadership - 2 in 1 Masterclass

Instructors **Peter Alkema**

**Arnab Dey**

Date **May 4, 2024**

Length **44 total hours**





UNIVERSITY OF AMSTERDAM

May 11, 2024

**Subhadip Nandy**

has successfully completed

**Media ethics & governance**

an online non-credit course authorized by University of Amsterdam and offered through  
Coursera

COURSE  
CERTIFICATE



Roger de Groot, PhD; Dr. Daniel Coenen; Dr. L. R. de Waard; Dr. S.H.S. de Waard; Dr. J.M.F. van Ooster  
Department of Communication Science  
University of Amsterdam

Verify at:  
<https://coursera.org/verify/M3MKRQWLR544>  
Coursera has confirmed the identity of this individual, and their participation in the course.



Certificate no: UC-402f6c3e-2580-4337-b92a-07c4a29d487e  
Certificate url: udemy/UC-402f6c3e-2580-4337-b92a-07c4a29d487e  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English Pronunciation Masterclass

Instructors **Rebecca Bower MSc. Speech Language Pathologist MSc.**

## Subhadip Nandy

Date **May 11, 2024**

Length **36.5 total hours**



Certificate no: UC-032957e-w0b-4c3e-8a7e-3a056b1a2e4  
Certificate url: [www.udemy.com/certificate/UC-032957e-w0b-4c3e-8a7e-3a056b1a2e4](https://www.udemy.com/certificate/UC-032957e-w0b-4c3e-8a7e-3a056b1a2e4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp From Zero to Hero in Python

Instructors **Jose Portilla**

**Subhadip Nandy**

Date **April 15, 2024**

Length **22 total hours**



has

**Aritri Chakraborty**

has successfully completed

**Write Professional Emails in English**

an online course offered by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "Aritri Chakraborty".

Signature  
Name  
ID Number

**COURSE  
CERTIFICATE**



Faculty of Coursera.org/ua/121512125444  
Please do not print this certificate unless you are the intended recipient.  
Unauthorized printing is prohibited.



May 20, 2020

**Aritri Chakraborty**

has successfully completed

**A Life of Happiness and Fulfillment**

certificate awarded to course authorized by Indian School of Business and offered through Coursera

*Rajiv K. Bajaj*

Rajiv K. Bajaj, Ph.D.  
Executive Director of Learning  
Innovation and Strategy

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CERTIFICATE**



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has earned the trust of the nation and the  
people of the world.





THE UNIVERSITY  
of EDINBURGH

2025-2026

**Aritri Chakraborty**

has successfully completed

**Introduction to Philosophy**

an online and credit course authorized by The University of Edinburgh and offered through Coursera

*Eric C. Partridge, BSc, MPhil, PhD  
Professor of Philosophy*

Eric C. Partridge, Professor of Philosophy, School of Divinity, The University of Edinburgh, Edinburgh, Scotland, United Kingdom  
Department of Philosophy  
Coursera, Inc.

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This is a secure and verifiable record of this certificate and the  
information it contains.

## Verified Certificate

**IBM**


This is to certify that:

**Aritri Chakraborty**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

  
Anand Chakraborty  
Chief Executive  
2021

Verified Certificate  
Issued July 27, 2021

Valid Certificate ID  
<https://api.credentialed.com/credentials/156210468494204201>

**Verified  
Certificate**



This is to certify that

**Aritri Chakraborty**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Clark Swanson'.

Clark Swanson  
General Manager, Training & Certification  
The Linux Foundation



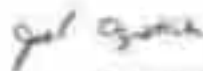
Verified Certificate  
Issued January 30, 2021

Valid Certificate ID  
[11414320034e4330a2c234d0579a3ee](https://verify.edx.org/certificate/11414320034e4330a2c234d0579a3ee)

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

**W** UNIVERSITY *of* WASHINGTON



Paul Oswald

Verbal Communication & English Language Program  
University of Washington

This is to certify that

**Aritri Chakraborty**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtorX, an online learning initiative of  
University of Washington.



VERIFIED CERTIFICATE  
Issued January 11, 2021

VALID CERTIFICATE ID:  
<https://www.washington.edu/edx/verify/BNET001>

# Verified Certificate

This is to certify that


**Aritri Chakraborty**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning initiative of IBM.

**IBM**

  
Aritri Chakraborty

IBM Learning and Development



edX Certificate  
Issued July 28, 2021

edX Certificate ID  
edX70000000000000000000000000000000



# Verified Certificate

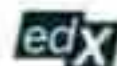
This is to certify that

**Aritri Chakraborty**

successfully completed and received a passing grade for

**CAD101EN: Introduction to Cloud Development with HTML,  
CSS, and JavaScript**

a course of study offered by IBM, an online learning initiative of IBM.



Issued to  
Issued July 14, 2021

Issued to  
Rudra Maitra@ruvlab.org

IBM

*[Signature]*

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Certificate no: UC-2b873702-3838-4b08-86bf-5f94e84fc438

Certificate url: [ude.my/UC-2b873702-3838-4b08-86bf-5f94e84fc438](https://udemy.com/UC-2b873702-3838-4b08-86bf-5f94e84fc438)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# How the Internet Works & the Web Development Process

Instructors **YouAccel Training**

**Aritri Chakraborty**

Date **Dec. 3, 2022**

Length **37 total mins**



Certificate no: UC-R4D8E3w-8530-4193-9726-7041a2d9w443  
Certificate url: udemy/UC-R4D8E3w-8530-4193-9726-7041a2d9w443  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Front End Web Development Ultimate Course 2022

Instructors: **Learn Tech Plus**

**Aritri Chakraborty**

Date: **May 10, 2022**

Length: **91.5 total hours**



Understanding and  
Visualizing Data with Python  
Inferential Statistical  
Analysis with Python  
Fitting Statistical Models to  
Data with Python



Apr 1, 2023

**Sayani Saha**

has successfully completed the online, non-credit Specialization

## Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis, and use of the Python programming language to conduct data analyses. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

This online specialization is offered in partnership with Coursera, and is not affiliated with the University of Michigan. The University of Michigan does not endorse or warrant the quality of this specialization or the courses included in this specialization. The specialization has earned a Coursera Quality Standard Degree, and is eligible for the award of this degree.

Brendt Gamberon,  
Ph.D., Lecturer II

Kirby Shedden, Ph.D.,  
Professor

Brady T. West, Ph.D.,  
Research Associate  
Professor

Verify this certificate at:  
<https://www.coursera.org/specialization/statisticswithpython>



May 4, 2023

**Sayani Saha**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera.

**COURSE  
CERTIFICATE**



Raju Manjhi  
Global Program Director  
Skills Network

Hima  
IBM

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<https://coursera.org/verify/cx79w22479w3a>

IBM and Coursera are pleased to offer this course and your participation in the course.



**UCI** University of California, Irvine

May 6, 2019

**Sayani Saha**

has successfully completed

**Introduction to the Internet of Things and Embedded Systems**

an online university course, authorized by University of California, Irvine and offered through Coursera.



Dr. Haris  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify all  
<https://coursera.org/certificates/UCI/19CWSYS>  
Showing faculty and the identity of the individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

Feb 13, 2022

**Soumalya Kumar**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary Gerde*

Mary Gerde  
Associate Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



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[coursera.org/verify/CV7D26CU2RY](https://coursera.org/verify/CV7D26CU2RY)

Coursera has certified the identity of this individual and their  
participation in the course.

May 18, 2021

**Soumalya Kumar**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Telecommunications and Policy

Verify at:  
<https://coursera.org/verify/7181GV9A918F>

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

Dec 19, 2022

**Soumalya Kumar**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/HPL66WDSLS0](https://coursera.org/verify/HPL66WDSLS0)

Coursera has certified the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

Apr 4, 2023

Soumalya Kumar

has successfully completed

Data Analysis and Interpretation Capstone

an online non-credit course authorized by Wesleyan University and offered through  
Coursera



A handwritten signature in black ink, appearing to read 'Jay Kim'.

Jay Kim  
Samuel H. Rensselaer  
Professor  
Psychology  
Wesleyan University

A handwritten signature in black ink, appearing to read 'Lisa C. Diener'.

Professor Lisa Diener  
Psychology  
Wesleyan University

Verify at:  
<https://coursera.org/verify/EASD64VDRuRy>

Coursera has confirmed the identity of this individual and their participation in the course.





COURSE  
CERTIFICATE

Mar 28, 2023

Soumalya Kumar

has successfully completed

Data Analysis Tools

an online non-credit course authorized by Wesleyan University and offered through  
Coursera



A handwritten signature in black ink, appearing to read 'Jay Kim'.

Jay Kim  
Samuel H. Professor  
Psychology  
Wesleyan University

A handwritten signature in black ink, appearing to read 'Lisa C. Diener'.

Professor Lisa Diener  
Psychology  
Wesleyan University

Verify at:  
<https://coursera.org/verify/77/7734570NGZ>

Coursera has certified the identity of this individual and their participation in the course.



Mar 22, 2023

Soumalya Kumar

has successfully completed

Data Management and Visualization

an online non-credit course authorized by Wesleyan University and offered through Coursera

A handwritten signature in black ink that reads 'Lisa C. Dierker'.

Professor Lisa Dierker  
Psychology  
Wesleyan University

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DEUCGELHMSA3>

Coursera has confirmed the identity of this individual and their participation in the course.



March 2023

**Soumalya Kumar**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Raj Chouh  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UM9DWHK74vED>

Coursera has certified the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

April 27, 2023

Soumalya Kumar

has successfully completed

Machine Learning for Data Analysis

an online non-credit course authorized by Wesleyan University and offered through  
Coursera



A handwritten signature in black ink, appearing to read 'Jay Kim'.

Jay Kim  
Samuel H. Professor  
Psychology  
Wesleyan University

A handwritten signature in black ink, appearing to read 'Lisa C. Diener'.

Professor Lisa Diener  
Psychology  
Wesleyan University

Verify at:  
<https://coursera.org/verify/ZANW3X59VF>

Coursera has confirmed the identity of 194 individuals and their participation in the course.



5 Courses

Data Management and Visualization

Data Analysis Tools

Regression Modeling in Practice

Machine Learning for Data Analysts

Data Analysis and Interpretation Capstone



Apr 27, 2023

**Soumalya Kumar**

has successfully completed the online, non-credit Specialization

## Data Analysis and Interpretation

The Data Analysis and Interpretation Specialization takes you from data novice to data analyst in just four project-based courses. You'll learn to apply basic data science tools and techniques, including data visualization, regression modeling, and machine learning. Throughout the Specialization, you will analyze research questions of your choice and summarize your insights. In the final Capstone Project, you will use real data to address an important issue in society, and report your findings in a professional-quality report. These instructors are here to create a warm and welcoming place at the table for everyone. Everyone can do this, and we are building a community to show the way.

The online specialization noted in this certificate may differ in material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at the university. This certificate does not confer a University grade, course credit or degree and it does not verify the identity of the learner.

Professor Lisa Dierker,  
Psychology

Jen Rose, Research  
Professor, Psychology

Verify this certificate at:

<https://coursera.org/verify/specialization/WJNPERVVCY16>





Apr 27, 2023

**Soumalya Kumar**

has successfully completed

**Regression Modeling in Practice**

an online non-credit course authorized by Wesleyan University and offered through Coursera



A handwritten signature in black ink, appearing to read 'Jay Kim'.

Jay Kim  
Samuel H. Professor  
Psychology  
Wesleyan University

A handwritten signature in black ink, appearing to read 'Lisa C. Diener'.

Professor Lisa Diener  
Psychology  
Wesleyan University

Verify at:  
<https://coursera.org/verify/429RTFAV8G50>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-c0125e6a-8065-479a-8605-b0a6731f0d8d  
Certificate url: [ude.my/UC-c0125e6a-8065-479a-8605-b0a6731f0d8d](https://ude.my/UC-c0125e6a-8065-479a-8605-b0a6731f0d8d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Soumalya Kumar

Date **April 30, 2023**

Length **8 total hours**



Certificate no: UC-d7afc43f-c11f-482e-9f66-5c71474a4951

Certificate uri: [ude.my/UC-d7afc43f-c11f-482e-9f66-5c71474a4951](https://ude.my/UC-d7afc43f-c11f-482e-9f66-5c71474a4951)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Sonamoni Jana

Date **March 13, 2024**

Length **77 total hours**



Certificate no: UC-154e05cf-78c1-492c-909b-82e021934c91

Certificate url: [ude.my/UC-154e05cf-78c1-492c-909b-82e021934c91](https://ude.my/UC-154e05cf-78c1-492c-909b-82e021934c91)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 101 : Master the Fundamentals : Python For Beginners

Instructors **The Table Of Bosses, WAMM Marketing, Rechcel Toledo, M.I.C School**

## Sonamoni Jana

Date **April 16, 2024**

Length **11 total hours**



# Yale

May 22, 2024

**GOPAL SARKAR**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Rogers Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/H1TTCWZVUJH5SE>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1

Certificate url: [ude.my/UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1](https://ude.my/UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning using Python

Instructors **Start-Tech Academy**

## Gopal Sarkar

Date **May 24, 2024**

Length **19 total hours**



Certificate ID: 2736443-1043-4943-1234-567890123456  
Certificate of completion for the course English for Beginners:  
Intensive Spoken English Course  
Course Number: 2222

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy**

**Gopal Sarkar**

Date: **May 4, 2024**

Length: **77 total hours**



May 11, 2021

**Shatabdi Karmakar**

has successfully completed

**C++ Object Basics: Functions, Recursion, and Objects**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:

<https://coursera.org/verify/XXXXDHV7p87z1z>

Coursera has certified the identity of this individual and their participation in the course.



Apr 13, 2022

**Shatabdi Karmakar**

has successfully completed

**C++ Basics: Selection and Iteration**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:

<https://coursera.org/verify/WAES51XP7241>

Coursera has verified the identity of this individual and their participation in the course.



May 23, 2021

**Shatabdi Karmakar**

has successfully completed

**Object-Oriented C++: Inheritance and Encapsulation**

an online non-credit course authorized by Codio and offered through Coursera

Evan Steinhilber, Curriculum Developer, Codio  
Arsh Le, Curriculum Developer, Codio  
Ellen Detrick, PhD VP of Product, Codio

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TUW8BK8T8W/>

Coursera has certified the identity of this individual and their participation in the course.





# UNIVERSITY OF MARYLAND

Feb 16, 2022

**Shatabdi Karmakar**

has successfully completed

**Software Security**

an online non-credit course authorized by University of Maryland, College Park and  
offered through Coursera

Professor Michael Hicks  
Department of Computer Science  
and the Maryland Cybersecurity Center (M3C)  
University of Maryland, College Park

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2A58HG8V6T0>

Coursera has certified the identity of this individual and their  
participation in the course.



# UNIVERSITY OF MARYLAND

Feb 5, 2023

**Shatabdi Karmakar**

has successfully completed

**Usable Security**

an online non-credit course authorized by University of Maryland, College Park and  
offered through Coursera

Jennifer Goldberg, Ph.D.  
College of Information Studies  
University of Maryland

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4FB7UJ76F4AD>

Coursera has certified the identity of this individual and their participation in the course.



Apr 28, 2022

**Shatabdi Karmakar**

has successfully completed

**C++ Basic Structures: Vectors, Pointers, Strings,  
and Files**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:

<https://coursera.org/verify/00402175v0W8>

Coursera has verified the identity of this individual and their participation in the course.



# UNIVERSITY OF MARYLAND

Feb. 2, 2023

**Shatabdi Karmakar**

has successfully completed

**Hardware Security**

an online non-credit course authorized by University of Maryland, College Park and  
offered through Coursera

Geng Qi, Professor  
Director, Maryland Unified Lab Systems and Hardware Security Lab  
Electrical and Computer Engineering Department  
University of Maryland, College Park

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/WU4EG3Y2P8N7>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-a343d488-09d8-4e18-9c68-dc33dce27ceb  
Certificate url: [uda.my/UC-a343d488-09d8-4e18-9c68-dc33dce27ceb](https://uda.my/UC-a343d488-09d8-4e18-9c68-dc33dce27ceb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Shatabdi Karmakar

Date **Nov. 20, 2021**

Length **17 total hours**





Certificate no: UC-10ed96f4-8995-4c5e-91d9-f365f4220c12

Certificate url: [ude.my/UC-10ed96f4-8995-4c5e-91d9-f365f4220c12](https://ude.my/UC-10ed96f4-8995-4c5e-91d9-f365f4220c12)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Course 2023 Learn by Python Projects & Python Quizzes

Instructors **Temotec Learning Academy**

## **Shatabdi Karmakar**

Date **March 31, 2023**

Length **10.5 total hours**



Certificate no: UC-bbd770e1-3263-4c7b-9464-00c9d6c07734

Certificate url: [ude.my/UC-bbd770e1-3263-4c7b-9464-00c9d6c07734](https://ude.my/UC-bbd770e1-3263-4c7b-9464-00c9d6c07734)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## Shatabdi Karmakar

Date **May 17, 2022**

Length **8 total hours**



Certificate no: UC-84eea2a7-acc-4104-9c52-9b9c8cfddd14

Certificate url: [ude.my/UC-84eea2a7-acc-4104-9c52-9b9c8cfddd14](https://www.udemy.com/certificate/UC-84eea2a7-acc-4104-9c52-9b9c8cfddd14)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Graphics Design and Video Editing Masterclass

Instructors **Stephen Koel Soren**

**Shatabdi Karmakar**

Date **Feb. 18, 2023**

Length **10 total hours**





Certificate no: UC-0c2047f5-0a06-43da-babf-5b2cde296a19

Certificate url: [ude.my/UC-0c2047f5-0a06-43da-babf-5b2cde296a19](https://ude.my/UC-0c2047f5-0a06-43da-babf-5b2cde296a19)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors **Nick Ovchinnikov**

## **Shatabdi Karmakar**

Date **Jan. 27, 2023**

Length **17.5 total hours**



CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors: **Ing. Tomas Moravik | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Arpan pramanick**

Date: **June 8, 2022**

Length: **38 total hours**





CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors: Hemant Kumar

**Arpan pramanick**

Date: June 6, 2022

Length: 11 total hours

## Certificate of Achievement

Congratulations!

**ARPAN PRAMANICK**

for successfully completing  
**Presentation Skills**  
a course that covers

What is a Presentation | The 5 Ws for a Presentation | How to Prepare Effective Slides |  
Do's and Don'ts of Creating a Presentation | Do's and Don'ts of Presenting a Presentation |  
Handling Questions

Start Date: 20 Nov 2021

End Date: 18 Feb 2022

*Michael Mathia*

**Michael Mathia**

Global Delivery Head - TCS iON,  
Talent Consultancy Services



**CERTIFIED**

Learn to deliver 2021-22  
Date: 21 Feb 2022



Certificate no. UC c7ba6ba c79c 4758 and 8446337934  
Certificate no. uc7ba6ba/c79c 4758 and 8446337934  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **Real Estate Investment & Finance**

**Instructors: Robert (Bob) Steele**

**Arpan pramanick**

**Date: June 6, 2022**

**Length: 44 total hours**



Certificate no. UC-00000001-0000-0000-0000-000000000000  
Certificate no. UC-00000001-0000-0000-0000-000000000000  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: Ing. Tomas Marek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Arpan pramanick**

Date: 1 Mar 2023

Length: 38.5 total hours



Certificate to Mr. Arpan Pramanick  
Certificate ID: UC-CF2D7F1-2403-4582-9147-19876160044  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: **Robert (Bob) Steele**

**Arpan pramanick**

Date: **April 17, 2024**

Length: **22 total hours**





Certificate no: UC-a45b2a54-20d2-4798-8dc9-d55ccd790cbf

Certificate url: [ude.my/UC-a45b2a54-20d2-4798-8dc9-d55ccd790cbf](https://ude.my/UC-a45b2a54-20d2-4798-8dc9-d55ccd790cbf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Sayan Maiti

Date **May 13, 2024**

Length **16 total hours**



# Certificate

We certify that **Sayan Maiti**  
has completed the following courses on our platform:



English language intermediate level by English for You

17 hours 25 minutes - From 14/05/2024 to 15/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sayan Maiti

u4307646

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

## Statement of participation

# Sayan Maiti

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 14 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1



## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsok to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everyday

#### Section 5

Landscape with Weapon an allegory.

#### Section 6

Conclusion

#### Section 7

Summary



May 17, 2023

**Subhrajyoti Mandal**

has successfully completed

**Tools for Data Science**

an online non-credit course authorized by IBM and offered through Coursera

Manoj Kulkarni  
Senior Manager  
Online Learning

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MSB0LGV77L>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-5327e8b7-c095-4b6c-aa13-b8aa11e71d04

Certificate url: [ude.my/UC-5327e8b7-c095-4b6c-aa13-b8aa11e71d04](https://udemy.com/certificate/UC-5327e8b7-c095-4b6c-aa13-b8aa11e71d04)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Çekirdekten Uzmanlığa Egzersiz ve Projelerle Komple JAVA

Instructors **Mehmet Can Seyhan**

## Subhrajyoti Mandal

Date **May 11, 2023**

Length **20 total hours**



Apr 25, 2023

**Subhrajyoti Mandal**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Sanjiv  
Global Program Director  
Skills Network

Alan Allen, PhD  
Data Science

Verify at:  
<https://coursera.org/verify/CMHSD8A8P8A8>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-e5dc4e82-a182-43e3-88d0-be28262825f0  
Certificate url: [ude.my/UC-e5dc4e82-a182-43e3-88d0-be28262825f0](https://ude.my/UC-e5dc4e82-a182-43e3-88d0-be28262825f0)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Subhrajyoti Mandal

Date **May 11, 2023**

Length **11 total hours**



May 1, 2023

**Subhrajyoti Mandal**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarapala  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/08688:cwv01zF>

Coursera has confirmed the identity of this individual and their participation in the course.

JAN 4, 2022

**SUBHRAJYOTI MANDAL**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Anand Kulkarni, Ph.D.  
Professor  
Professor, Electrical Engineering, Computer Science and  
Mechanical Engineering

Michael Fitzgerald, Ph.D.  
Professor Emeritus  
Original Content, Computer Engineering, Electrical Engineering, Aerospace and Robotics

Verify at:  
<https://coursera.org/verify/482782461872>

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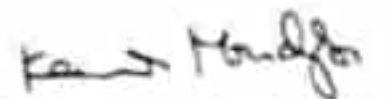
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SUBHRAJYOTI MANDAL** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay



# CERTIFICATE OF COMPLETION

.....

This is to certify that Mr. / Ms. Subhrajyoti Mandal successfully completed the course with on certificate for Python Foundation with Data Structures & Algorithms.

*Karan Arora*

Karan Arora



*08 June 2022*

Date

Certificate ID: #00004285

Certificate URL: <https://machinelearning.org.in/courses/certificate/19f4d6821e>



# Georgia Institute of Technology

Dec 7, 2022

**Subhrajyoti Mandal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/D287EWK5JRN5](https://coursera.org/verify/D287EWK5JRN5)

Coursera has confirmed the identity of this individual and their participation in the course.




May 17, 2023

**Subhrajyoti Mandal**

has successfully completed

**Python Project for Data Science**

an online non-credit course authorized by IBM and offered through Coursera

**Azim Hirjani** 

Azim Hirjani  
Executive Vice President

Joseph Saccamanga  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BTC6vDUIGRHS>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Mar 26, 2024

## Niloy Ghorui

has successfully completed

### Write Professional Emails in English

an online professional course authorized by Georgia Institute of Technology and offered through Coursera.

David L. Forster  
Deans  
IT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/course/certify>  
Coursera has confirmed the identity of this individual and their participation in the course.





April 14, 2023

**Niloy Ghorui**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera

A handwritten signature in black ink, appearing to read 'D. J. ...', written over a horizontal line.

Dr. David J. ...  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EDS/ADTIGES>

Coursera has verified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

COURSE  
CERTIFICATE

Apr 21, 2023

**Niloy Ghorui**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera



*May C. Justice*

May C. Justice  
Debra D. Justice Distinguished Professor  
Professor of Practice  
Darden School of Business  
University of Virginia

Verify at:  
<https://coursera.org/verify/022009230002>

Coursera has confirmed the identity of this individual and their  
affiliation with the course.



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Udemy Inc. (C) 2023 847518-4984-4782-43345432424  
All Rights Reserved 2023

CERTIFICATE OF COMPLETION

# Professional Agile Software QA Testing (Resume + Interview)

Instructors: Farhan Ishaq

**Niloy Ghorui**

Date: May 4, 2023

Length: 10 total hours



Certificate No. UC-PYTHON-2023-05-12-001  
Certificate awarded by Udemy to Niloy Ghorui  
Reference Number: 001

CERTIFICATE OF COMPLETION

# Python Programming Bootcamp 2023 from Basics to Advanced

Instructors: Parv Shah

**Niloy Ghorui**

Date: May 12, 2023

Length: 29 total hours



Certificate ID: UC-0328103-4468-473a-854f-24b10281417  
Certificate ID: yds-mymc-1028103-4468-473a-854f-24b10281417  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: Yusuf Kati

**Niloy Ghorui**

Date: May 17, 2023

Length: 24 total hours

---



May 9, 2007

**SAYAN GENRI**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Perrottin, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:

<https://coursera.org/verify/DYJEOV5CA0SE>

Coursera has certified the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 10, 2023

**SAYAN GENRI**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CBAV7H2FGV6>

Coursera has certified the identity of this individual and their participation in the course.

# Yale

May 11, 2023

**SAYAN GENRI**

has successfully completed

**Introduction to Psychology**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Sloner  
Brooks and Suzanne Rogers Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/C62U7x2Mv8D>

Coursera has confirmed the identity of the individual and their participation in the course.



Certificate no: UC-36349000-ef13-4465-a991-0c0f3f1b56e4

Certificate url: [ude.my/UC-36349000-ef13-4465-a991-0c0f3f1b56e4](https://ude.my/UC-36349000-ef13-4465-a991-0c0f3f1b56e4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Plan: For Startup & Small Business Success Today!

Instructors **Boomy Tokan**

## Sayan Genri

Date **May 20, 2023**

Length **8 total hours**

Name: Soumyadeep Sinha, University Roll: 17600120048

1. Session: 2020-21 Certificates

**Verified**  
Certificate

**IBM**

This is to certify that

**SOUMYADEEP SINHA**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.

  
Soumyadeep Sinha  
Data Scientist  
IBM



Verified Certificate  
Issued June 21, 2021

Valid Certificate ID  
202001200482021062120048





Jan 24, 2021

**SOUMYADEEP SINHA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online interactive course facilitated by Indian School of Business and offered through Coursera

*Rajivpal Rajivpal*

Rajivpal Rajivpal  
Associate Professor of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/india75825706425](https://coursera.org/verify/india75825706425)

Additional information regarding this certificate can be found at: [www.coursera.org/verify](https://www.coursera.org/verify)





**Georgia Institute**  
**of Technology**

May 4, 2020

**SOUMYADEEP SINHA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Soumyadeep Sinha  
Assistant  
Vice President for Learning

**COURSE  
CERTIFICATE**



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Coursera Inc. 400 West 12th Street, Suite 1000  
Austin, TX 78701, USA



AMERICAN MUSEUM  
OF NATURAL HISTORY



2014-15-1511

**SOUMYADEEP SINHA**

Master's Degree Candidate

**Ecology: Ecosystem Dynamics and Conservation**

This online certificate course, authorized by American Museum of Natural History Howard Hughes Medical Institute, was offered through Coursera.

Andrew Townsend-Solomon  
Director, Center for Biodiversity and Conservation  
Biology Department, American Museum of Natural History

**COURSE  
CERTIFICATE**



Study at [www.coursera.org/verify/Y2A2BQW4000](https://www.coursera.org/verify/Y2A2BQW4000)

Coursera is not affiliated with the American Museum of Natural History. Coursera is not affiliated with the American Museum of Natural History.

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "James V. Green".

James V. Green  
Director of Entrepreneurship Education  
University of Maryland

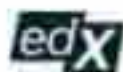
This is to certify that

**SOUMYADEEP SINHA**

successfully completed and received a passing grade in

**ENES662x: Identifying Entrepreneurial  
Opportunities**

a course of study offered by USMx, an online learning  
initiative of University System of Maryland.



Verified Certificate  
Issued May 9, 2021

Valid Certificate ID:  
<https://edx.org/certificate/24f728e44c0b62e072624f>



# Verified Certificate



A handwritten signature in black ink, appearing to read "James V. Green".

James V. Green  
Director of Entrepreneurship Education  
University of Maryland

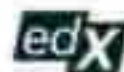
This is to certify that

**SOUMYADEEP SINHA**

successfully completed and received a passing grade in

**ENES608.1: Product Management Fundamentals**

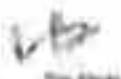
a course of study offered by USMx, an online learning  
initiative of University System of Maryland.



Verified Certificate  
Issued May 8, 2021

Valid Certificate ID  
[41793a48003881267257bc06a84543f](#)

**Verified  
Certificate**



AI and Data Science Program Director  
IBM

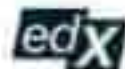
This is to certify that

**SOUMYADEEP SINHA**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 8, 2021

Valid Certificate ID:  
[https://www.ibm.com/learning/certificates/CC0101EN/20210508/SOUMYADEEP\\_SINHA](https://www.ibm.com/learning/certificates/CC0101EN/20210508/SOUMYADEEP_SINHA)



University of Colorado

Boulder | Colorado Springs | Denver | Fort Collins | West Campus

28 Feb. 2017

**SOUMYADEEP SINHA**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

provided through a course authorized by University of Colorado, Boulder and offered through Coursera

*Matthew Koschmann*

Professor & Head of the School of  
Business Administration  
Department of Communications  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at <https://coursera.org/verify/0122043261972>

Generated on 02/28/2017 10:00:00 AM UTC  
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Certificate ID: UC-00000000-0000-0000-0000-000000000000  
Certificate of completion for UC-00000000-0000-0000-0000-000000000000  
Issued on: 06/06/2023

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Srividhi Ranganathan, Saranya Srividhi

**Soumyadeep Sinha**

Date: June 6, 2023

Length: 19.5 total hours



**Verified  
Certificate**



This is to certify that

**SOUMYADEEP SINHA**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

Cycle Incomplete  
DVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued April 28, 2022

Valid Certificate ID  
03cdeee970e6c289724d155018e3285





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Certificate of Completion for the course  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# React JS- Complete Guide for Frontend Web Development [2023]

Instructors: EdYoda Digital University, Gafli Khan, Mawudin Abdulkadimov

**Soumyadeep Sinha**

Date: May 1, 2023

Length: 22 total hours



Certificate no: UC-f96cdf87-e29c-4b30-8dac-70fa8a36fc67

Certificate url: [ude.my/UC-f96cdf87-e29c-4b30-8dac-70fa8a36fc67](https://ude.my/UC-f96cdf87-e29c-4b30-8dac-70fa8a36fc67)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Soumyadip Karmakar

Date **May 7, 2024**

Length **77 total hours**



Certificate no: UC-67ca7035-fe9a-4884-bd05-1a90789187dd

Certificate url: [udemy.com/UC-67ca7035-fe9a-4884-bd05-1a90789187dd](https://udemy.com/UC-67ca7035-fe9a-4884-bd05-1a90789187dd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Soumyadip Karmakar

Date **May 7, 2024**

Length **8 total hours**





Certificate no: UC-148f9b1c-0706-4235-b31d-5441dcbe82c6

Certificate url: [ude.my/UC-148f9b1c-0706-4235-b31d-5441dcbe82c6](https://ude.my/UC-148f9b1c-0706-4235-b31d-5441dcbe82c6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Soumyadip Karmakar

Date **May 6, 2024**

Length **17 total hours**



Certificate no: UC\_Audited\_Pro\_2024\_0502\_0000000001  
Certificate id: ud-audited-audited-pro-2024-0502-0000000001  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Mini MBA in Human Resources Management

Instructors: **MTF Institute of Management, Technology and Finance**

**Shreya Sen**

Date: **May 6, 2024**

Length: **11.5 total hours**





Certificate of Completion  
Certificate of Completion  
Release Number: 0000

CERTIFICATE OF COMPLETION

# PHP Tutorial Beginner to Advanced

Instructors **AMIR KAMIZI**

**Shreya Sen**

Date **May 9, 2024**

Length **10.5 total hours**

Certificate Number : 2023019424

www.caddapp.com  
Ph No : +91 8095344799  
Email : caddappindia@gmail.com



CERTIFICATE OF COMPLETION

# Certificate CONGRATULATIONS



This Certificate is Presented To,

Name **Shreya Sen**

Course **Complete AutoCAD Course**

Field **Civil**

From **14/08/2023 To 06/09/2023**



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You have successfully completed an online software course on CADDapp specifically designed to satisfy your training requirements. Training course instructor deliver quality learning experiences with course related to Autodesk product utilizing relevant content and comprehensive courseware. Our vision is to help people imagine, design and create a better world.

(Er. Mukhtar Ansari)  
Trainer / Founder









# Georgia Institute of Technology

May 23, 2023

**Anirban Karmakar**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4XTMWJPSA83U>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 18, 2023

**Anirban Karmakar**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/1A3AF271049E>

Coursera has confirmed the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

May 17, 2023

**Anirban Karmakar**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alumnus Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/B4E7SCN1508>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate no: UC-f723c2db-046a-4ea0-a7d3-bcb4019ddd6a

Certificate url: [ude.my/UC-f723c2db-046a-4ea0-a7d3-bcb4019ddd6a](https://ude.my/UC-f723c2db-046a-4ea0-a7d3-bcb4019ddd6a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

## **Krishnendu Das**

Date **June 6, 2022**

Length **11 total hours**





Certificate no: UC-c07d7493-33e8-4d41-9479-329aba3feea4

Certificate url: [ude.my/UC-c07d7493-33e8-4d41-9479-329aba3feea4](https://ude.my/UC-c07d7493-33e8-4d41-9479-329aba3feea4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master C++ Programming From Beginner To Advance - C++ Course

Instructors **Codaming - VeDinesh Academy**

## Krishnendu Das

Date **June 7, 2022**

Length **16.5 total hours**



Certificate no: UC-2aebf871-3752-407c-bbcc-873a26dafc2e

Certificate url: [ude.my/UC-2aebf871-3752-407c-bbcc-873a26dafc2e](https://ude.my/UC-2aebf871-3752-407c-bbcc-873a26dafc2e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Photography : 21 Courses in 1 [Beginner to Expert]

Instructors **Creative Online School**

## Krishnendu Das

Date **June 7, 2022**

Length **8.5 total hours**



Certificate no: UC-e66fec3c-61ef-402e-a3b2-ee373b2443f7

Certificate url: [ude.my/UC-e66fec3c-61ef-402e-a3b2-ee373b2443f7](https://ude.my/UC-e66fec3c-61ef-402e-a3b2-ee373b2443f7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Krishnendu Das

Date **June 7, 2022**

Length **8 total hours**





Certificate no: UC-3556e9b5-467d-447e-a35d-4b110bec8d4d

Certificate url: [ude.my/UC-3556e9b5-467d-447e-a35d-4b110bec8d4d](https://ude.my/UC-3556e9b5-467d-447e-a35d-4b110bec8d4d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Autodesk Revit - beginner to an intermediate level

Instructors **S15 Studio**

## Krishnendu Das

Date **Jan. 3, 2023**

Length **8 total hours**



Certificate no: UC-785ed8b0-b529-412f-8181-6a5514b65dce

Certificate url: [ude.my/UC-785ed8b0-b529-412f-8181-6a5514b65dce](https://udemy.com/certificate/UC-785ed8b0-b529-412f-8181-6a5514b65dce)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Krishnendu Das**

Date **Jan. 24, 2023**

Length **22 total hours**





Certificate no: UC-0435918a-c010-4c9f-81fc-9ac7543b0904

Certificate url: [ude.my/UC-0435918a-c010-4c9f-81fc-9ac7543b0904](https://ude.my/UC-0435918a-c010-4c9f-81fc-9ac7543b0904)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors **Robert (Bob) Steele**

## Krishnendu Das

Date **Jan. 25, 2023**

Length **21.5 total hours**



Certificate no: UC-a22a317b-0b82-4bc5-9539-1464f5f22903

Certificate url: [ude.my/UC-a22a317b-0b82-4bc5-9539-1464f5f22903](https://udemy.com/certificate/UC-a22a317b-0b82-4bc5-9539-1464f5f22903)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023-Master in Web Designing Skill

Instructors **Faisal Zamir, Jafri Code**

## Krishnendu Das

Date **Feb. 11, 2023**

Length **27 total hours**



Certificate no: UC-ee15d577-c39c-4c60-8865-42497489f0d5  
Certificate url: [ude.my/UC-ee15d577-c39c-4c60-8865-42497489f0d5](https://ude.my/UC-ee15d577-c39c-4c60-8865-42497489f0d5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro Ultimate Guide

Instructors **Josh Werner**

## **Kunal Chakraborty**

Date **Feb. 10, 2024**

Length **14 total hours**



Certificate no: UC-acf10e46-f24e-4958-94a4-2b926f57fadc  
Certificate url: [ude.my/UC-acf10e46-f24e-4958-94a4-2b926f57fadc](https://ude.my/UC-acf10e46-f24e-4958-94a4-2b926f57fadc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## **Kunal Chakraborty**

Date **May 14, 2022**

Length **12.5 total hours**





Certificate no: UC-040f5f93-bdc7-4524-bd27-57f9a9b39d25

Certificate url: [ude.my/UC-040f5f93-bdc7-4524-bd27-57f9a9b39d25](https://ude.my/UC-040f5f93-bdc7-4524-bd27-57f9a9b39d25)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Management: Best Practices From 16 Years Consulting

Instructors **Sebastian Glöckner**

**Kunal Chakraborty**

Date **Feb. 10, 2024**

Length **10.5 total hours**





Certificate no: UC-38d45801-4a91-49b9-922f-f738f469a68c

Certificate url: [ude.my/UC-38d45801-4a91-49b9-922f-f738f469a68c](https://ude.my/UC-38d45801-4a91-49b9-922f-f738f469a68c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## **Kunal Chakraborty**

Date **May 5, 2023**

Length **34 total hours**



Certificate no: UC-2903d4c4-f0c4-4102-a18e-1fc9f28603d

Certificate url: [ude.my/UC-2903d4c4-f0c4-4102-a18e-1fc9f28603d](https://ude.my/UC-2903d4c4-f0c4-4102-a18e-1fc9f28603d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## **Kunal Chakraborty**

Date **May 14, 2022**

Length **9.5 total hours**



Certificate no: UC-6ad87752-3685-4fa1-9f3f-9873915ee55e

Certificate url: [ude.my/UC-6ad87752-3685-4fa1-9f3f-9873915ee55e](https://ude.my/UC-6ad87752-3685-4fa1-9f3f-9873915ee55e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

## **Kunal Chakraborty**

Date **Feb. 10, 2024**

Length **8 total hours**





Certificate no: UC-2818e5ca-d317-4b35-8d6a-b0a0eb642805

Certificate url: [ude.my/UC-2818e5ca-d317-4b35-8d6a-b0a0eb642805](https://www.udacity.com/certificate/UC-2818e5ca-d317-4b35-8d6a-b0a0eb642805)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha**, Learn IT University

## **Kunal Chakraborty**

Date **May 8, 2022**

Length **29.5 total hours**



Certificate no: UC-4e78b027-8756-4419-9bd7-da91f2142a7b

Certificate url: [ude.my/UC-4e78b027-8756-4419-9bd7-da91f2142a7b](https://ude.my/UC-4e78b027-8756-4419-9bd7-da91f2142a7b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Kunal Chakraborty**

Date **May 7, 2022**

Length **22 total hours**





Certificate no: UC-a5fb639d-cf29-44f8-b1bf-100af20c71e7

Certificate url: [ude.my/UC-a5fb639d-cf29-44f8-b1bf-100af20c71e7](https://ude.my/UC-a5fb639d-cf29-44f8-b1bf-100af20c71e7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## **Kunal Chakraborty**

Date **May 14, 2022**

Length **8.5 total hours**



Certificate no: UC-1c508f34-7fe0-4622-a5fb-c4cd9d57be73

Certificate url: [ude.my/UC-1c508f34-7fe0-4622-a5fb-c4cd9d57be73](https://ude.my/UC-1c508f34-7fe0-4622-a5fb-c4cd9d57be73)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master JavaScript from Basics to Advanced [2024] | 5+ Bonus

Instructors **EdYoda Digital University, Qaifi Khan**

## Kunal Chakraborty

Date **Feb. 10, 2024**

Length **10 total hours**



Certificate no: UC-e2760697-9583-4c06-a39a-a8b8448e9804  
Certificate url: [ude.my/UC-e2760697-9583-4c06-a39a-a8b8448e9804](https://ude.my/UC-e2760697-9583-4c06-a39a-a8b8448e9804)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3 Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## **Kunal Chakraborty**

Date **Feb. 4, 2023**

Length **13 total hours**

# Yale

Apr 2, 2023

**Pritam Roy**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera

**COURSE  
CERTIFICATE**



A handwritten signature in black ink, appearing to read "Lewis Davis".

Lewis Davis  
Professor  
Psychology

Verify at:  
[coursera.org/verify/HPHYU3HHG18](https://coursera.org/verify/HPHYU3HHG18)

Coursera has confirmed the identity of this individual and their  
achievements in the course.

This participant has successfully completed the Science of Well-Being, a 6-hour, online, non-credit course developed by Dr. Lewis Davis, authorized by Yale University and offered through Coursera. Please contact your  
sponsoring body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



DARDEN SCHOOL  
of BUSINESS

May 7, 2023

**Pritam Roy**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*May C. Gentile*

May C. Gentile  
Professor/Director for Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/D619KHNVCC8>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Apr 26, 2023

**Pritam Roy**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/38A07F86CAF8>

Coursera has certified the identity of this individual and their participation in the course.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRITAM ROY**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **55** %

Online Assignments	24.84/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



#roll No: NPTEL23CS20533020088

To validate the certificate



No. of credits recommended: 3 or 4

# UC SANTA CRUZ

Dec 17, 2023

**Pritam Roy**

has successfully completed

**Bayesian Statistics: Techniques and Models**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Matthew Heiner  
Graduate Student Instructor, PhD Candidate  
Statistics

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/IB/PCD742X33Z>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-08d64333-b257-4c01-847b-11071f0fc0d1

Certificate url: [ude.my/UC-08d64333-b257-4c01-847b-11071f0fc0d1](https://ude.my/UC-08d64333-b257-4c01-847b-11071f0fc0d1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Email Marketing Automation, Google Analytics & Split Testing

Instructors **LearnersCare LLC®, Australian Institute of Training and Career Development Pty Ltd**

## **Pritam Roy**

Date **Dec. 18, 2023**

Length **10 total hours**





Certificate no: UC-3ba292de-b9cc-4564-b5a2-10df55cf606e

Certificate url: [ude.my/UC-3ba292de-b9cc-4564-b5a2-10df55cf606e](https://ude.my/UC-3ba292de-b9cc-4564-b5a2-10df55cf606e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## **Pritam Roy**

Date **Dec. 18, 2023**

Length **11.5 total hours**





**4TU** Centre for Ethics  
and Technology.

May 8, 2024

**Rahul Shah**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink.

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/join/v8X45W8Y8r45St>

Coursera has certified the identity of this individual and their  
participation in the course.



May 9, 2014

**Rahul Shah**

has successfully completed

**Business English: Basics**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Elin Tsing, Lecturer, Center for Language Education  
Delian Gaskell, Senior Lecturer, Center for Language Education  
Dr. Sean McKeown, Director, Center for Educational Innovation

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/08A6THGY2X6>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-8345b1a9-52c3-4eb6-87c4-5ac7684fff3d

Certificate url: [ude.my/UC-8345b1a9-52c3-4eb6-87c4-5ac7684fff3d](https://ude.my/UC-8345b1a9-52c3-4eb6-87c4-5ac7684fff3d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors **Hemanth kumar**

**Rahul shah**

Date **May 5, 2024**

Length **11 total hours**



Certificate ID: 9029627-e850-4627-8a4a-0e80194ee37  
Certificate URL: <https://www.udacity.com/certificate/9029627-e850-4627-8a4a-0e80194ee37>  
Issued on: 12/01/2023

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors: Haseen Fulaah

**Shuvadip Ghosh**

Date: Feb, 1, 2023

Length: 71.5 total hours



Certificate no UC-Audited-1601-4321-956-452362064  
Certificate no ud-audit-1601601601-4321-956-452362064  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors: Nick Oychimirov

**Shuvadip Ghosh**

Date: Feb, 3, 2023

Length: 17.5 total hours





Certificate no: UC-860483-002-404-404-0000000000  
Certificate no: UC-860483-002-404-404-0000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Practical CSS3 Mastery Course

Instructors: Ranjan Pandey

**Shuvadip Ghosh**

Date: April 16, 2023

Length: 8.5 total hours



Certificate no: UC-72945235-4029-4282-9224-6272421284  
Certificate url: [www.udacity.com/certificate/UC-72945235-4029-4282-9224-6272421284](https://www.udacity.com/certificate/UC-72945235-4029-4282-9224-6272421284)  
Reference Number: 7294

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: Horizon Tech

**Shuvadip Ghosh**

Date: May 3, 2023

Length: 12.5 total hours



Certificate of Completion with Audit Trail  
Certificate of Completion with Audit Trail  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors: Ing. Tomas Mironsek, CEO, Facebook Ads & Digital Marketing Academy

**Shuvadip Ghosh**

Date: Feb, 3, 2024

Length: 24 total hours



Certificate no: UC 8820457109-658-0497-844602074  
Certificate url: udemy/certificate/UC-8820457109-658-0497-844602074  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors: Pierre-Henry Sorla

**Shuvadip Ghosh**

Date: Feb, 3, 2024

Length: 18.5 total hours



Certificate no: UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95

Certificate url: [ude.my/UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95](https://ude.my/UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# हिंदी में **Become a Data Analyst: Excel, SQL & Tableau**

Instructors **Start-Tech Trainings, Start-Tech Academy**

## **Ayushman Das**

Date **May 24, 2024**

Length **19.5 total hours**





Certificate no: UC-0156eb6d-75f2-4555-96be-5dd326931f5a

Certificate url: [ude.my/UC-0156eb6d-75f2-4555-96be-5dd326931f5a](https://ude.my/UC-0156eb6d-75f2-4555-96be-5dd326931f5a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Ayushman Das

Date **May 24, 2024**

Length **8 total hours**



Certificate no: UC-8459e568-16dd-4dd9-9d69-f46582ad35e9  
Certificate url: [ude.my/UC-8459e568-16dd-4dd9-9d69-f46582ad35e9](https://ude.my/UC-8459e568-16dd-4dd9-9d69-f46582ad35e9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Reverse Engineering & Malware Analysis | REMASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Ayushman Das

Date **April 8, 2024**

Length **11 total hours**

# CERTIFICATE OF COMPLETION

Achhat Kumar

---

has successfully completed the online course:  
**Python for Beginners**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

14<sup>th</sup> May 2024

Certificate code : 5221863



Krishna Kumar  
CEO, Simplilearn





**4TU** Centre for Ethics  
and Technology

May 11, 2024

**Achhat Kumar**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/749N0GPM7816>

Coursera has confirmed the identity of this individual and their  
participation in the course.





May 11, 2024

**Achhat Kumar**

has successfully completed

**Business English: Basics**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Edie Ting'.

Edie Ting, Lecturer, Center for Language Education  
Deliaa Gaddell, Senior Lecturer, Center for Language Education  
Dr. Sean McKeown, Director, Center for Educational Innovation

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/A7645M6M3TW10?>

Coursera has certified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

May 1, 2022

Joly Kole

has successfully completed

**Introduction to Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/47iCA7504449>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 1, 2022

Joly Kole

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress &  
Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Whimmon, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/WTSPHGND37SE>

Coursera has certified the identity of this individual and their  
participation in the course.

## Certificate of Achievement

Congratulations!

**Joly Kole**

for successfully completing  
**Introduction to Soft Skills**  
a course that covers

Objectives | Importance of Soft Skills | Acquiring Soft Skills |  
Difference between Hard and Soft Skills.

Start Date: 20 Oct 2021

End Date: 17 Jan 2022

*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



**CERTIFIED**

Cert ID: 8879511043342-1018  
Date: 17 Jan 2022



## Certificate of Achievement

# Joly Kole

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

8 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Manoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## Joly Kole

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks





## Certificate of Achievement

# Joly Kole

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



## Joly Kole

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

**77%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Maureen Lomenjo".

**Maureen Lomenjo**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Joly Kole**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



**Verified Certificate**  
Issued January 17, 2023

**Valid Certificate ID**  
[2000388621fd488d8a615096a2fa4c9a](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Cybil Soperhead'.

Cybil Soperhead

SVP & General Manager, Training & Certification

The Linux Foundation

This is to certify that

**Joly Kole**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
issued February 8, 2023

Valid Certificate ID  
[e40608a0425c4940ac1295f62851082c](#)



Apr 9, 2022

**Joly Kole**

has successfully completed

**Google Cloud Fundamentals for AWS Professionals**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/VRWVY4XVF20P>

Coursera has confirmed the identity of this individual and their participation in the course.





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CERTIFICATE OF COMPLETION

# Business Plan: For Startup & Small Business Success Today!

Instructor: Goury Tahan

**Akash Poddar**

Date: May 20, 2023  
Length: 8 total hours



COURSE  
CERTIFICATE

May 12, 2017

**Akash Poddar**

2017-05-12 14:30:00

**Programming for Everybody (Getting Started with Python)**

an online course delivered by University of Michigan and offered through Coursera



A handwritten signature in black ink, appearing to read 'Charles Severini'.

Charles Severini  
Dean of the School of Engineering  
University of Michigan

UNIVERSITY OF MICHIGAN  
<https://www.umich.edu/coursera>

UNIVERSITY OF MICHIGAN LIBRARIES  
300 N ZEEB RD  
ANN ARBOR MI 48106-1500



May 14, 2017

**Akash Poddar**

2017001434

**Social Work Practice: Advocating Social Justice and Change**

an online certificate awarded by University of Michigan and Coursera through Coursera

David Hill  
Dean, School of Social Work and Health Services  
University of Michigan

COURSE  
CERTIFICATE



UNIVERSITY OF MICHIGAN  
COURSERA  
UNIVERSITY OF MICHIGAN  
COURSERA



# Certificate

We certify that **Abir Halder**  
has completed the following courses on our platform:



**Artificial Intelligence with Python by CS50**

12 hours 40 minutes - From 08/05/2024 to 08/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Abir Halder

u3583720

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-cb2f17aa-309b-407f-ad97-2991a2748015

Certificate url: [ude.my/UC-cb2f17aa-309b-407f-ad97-2991a2748015](https://ude.my/UC-cb2f17aa-309b-407f-ad97-2991a2748015)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations

Instructors **OZIS Academy**

**AbirHalder**

Date **May 8, 2024**

Length **21.5 total hours**





Certificate no: UC-fb6fd386-ad46-4d21-b9ac-675a48adf576

Certificate url: [ude.my/UC-fb6fd386-ad46-4d21-b9ac-675a48adf576](https://ude.my/UC-fb6fd386-ad46-4d21-b9ac-675a48adf576)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**AbirHalder**

Date **Dec. 10, 2023**

Length **77 total hours**



Certificate no: UC-f29a7704-e195-4191-86e6-6592e7bd19a3

Certificate url: [ude.my/UC-f29a7704-e195-4191-86e6-6592e7bd19a3](https://ude.my/UC-f29a7704-e195-4191-86e6-6592e7bd19a3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Ashish Kumar Paswan

Date **May 24, 2024**

Length **8 total hours**



# Certificate

We certify that **Ashish Kumar Paswan**  
has completed the following courses on our platform:



English language beginner and elementary level by English for You

48 hours 40 minutes - From 27/05/2024 to 28/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Ashish Kumar Paswan

u4366529

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





Certificate no: UC-4b60bc7a-6a9c-491b-8096-be5656c4fd81  
Certificate url: [ude.my/UC-4b60bc7a-6a9c-491b-8096-be5656c4fd81](https://ude.my/UC-4b60bc7a-6a9c-491b-8096-be5656c4fd81)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructors **Arbaz Khan**

## Ashish Kumar Paswan

Date **May 25, 2024**

Length **13 total hours**



THE UNIVERSITY  
of EDINBURGH

May 26, 2024

Ashish Kumar Paswan

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yaelin Leraida, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/HISCOMUCBAV08>

Coursera has certified the identity of this individual and their  
participation in the course.





Certificate no: UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95

Certificate url: [ude.my/UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95](https://ude.my/UC-cdcd0d1e-ee16-4c9e-9757-bc3ff7806f95)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# हिंदी में **Become a Data Analyst: Excel, SQL & Tableau**

Instructors **Start-Tech Trainings, Start-Tech Academy**

## **Ayushman Das**

Date **May 24, 2024**

Length **19.5 total hours**



Certificate no: UC-0156eb6d-75f2-4555-96be-5dd326931f5a

Certificate url: [ude.my/UC-0156eb6d-75f2-4555-96be-5dd326931f5a](https://ude.my/UC-0156eb6d-75f2-4555-96be-5dd326931f5a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Ayushman Das

Date **May 24, 2024**

Length **8 total hours**



Certificate no: UC-8459e568-16dd-4dd9-9d69-f46582ad35e9  
Certificate url: [ude.my/UC-8459e568-16dd-4dd9-9d69-f46582ad35e9](https://ude.my/UC-8459e568-16dd-4dd9-9d69-f46582ad35e9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Reverse Engineering & Malware Analysis | REMASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Ayushman Das

Date **April 8, 2024**

Length **11 total hours**





Certificate no: UC-b1da45f9-ee62-4897-9584-aab8dfd92364

Certificate url: [ude.my/UC-b1da45f9-ee62-4897-9584-aab8dfd92364](https://ude.my/UC-b1da45f9-ee62-4897-9584-aab8dfd92364)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Chinese Language: Everyday & Business Chinese BEGINNER

Instructors **Jocelyn Wong**

## **Arkaprava Bhattacharyya**

Date **May 13, 2023**

Length **12 total hours**



Certificate no: UC-ba3fdb76-f2d8-416a-9197-c61bd1b0c034

Certificate url: [ude.my/UC-ba3fdb76-f2d8-416a-9197-c61bd1b0c034](https://ude.my/UC-ba3fdb76-f2d8-416a-9197-c61bd1b0c034)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 2023 Basics for Beginners in 10 Days - Part 1

Instructors **Cristian Frunze**

## Arkaprava Bhattacharyya

Date **May 13, 2023**

Length **11 total hours**





# Georgia Institute of Technology

12 May 2023

**Arkaprava Bhattacharyya**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/87246PCT34901>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 12, 2013

Arkaprava Bhattacharyya

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/B/31EPnAC59>

Coursera has confirmed the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

11 May, 2023

**Arkaprava Bhattacharyya**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/CXET80PU3MB>

Coursera has confirmed the identity of the individual and their  
participation in the course



Certificate no: UC-bcabdbde-5e4e-4b67-ba78-229fef12b8e3

Certificate url: [ude.my/UC-bcabdbde-5e4e-4b67-ba78-229fef12b8e3](https://ude.my/UC-bcabdbde-5e4e-4b67-ba78-229fef12b8e3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

## **Arkaprava Bhattacharyya**

Date **May 17, 2023**

Length **12.5 total hours**



Certificate no: UC-c98a3bcf-e01c-423a-b33b-0fc7fafd17a2

Certificate url: [ude.my/UC-c98a3bcf-e01c-423a-b33b-0fc7fafd17a2](https://ude.my/UC-c98a3bcf-e01c-423a-b33b-0fc7fafd17a2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Shivam Kumar Rao

Date **June 2, 2022**

Length **28 total hours**





Certificate no: UC-38f08134-da2a-42ee-bf27-543cc07ada33

Certificate url: [ude.my/UC-38f08134-da2a-42ee-bf27-543cc07ada33](https://ude.my/UC-38f08134-da2a-42ee-bf27-543cc07ada33)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# See 27 Ways to Make Money Online with Your Smartphone!

Instructors **Roope Kiuttu**

## Shivam Kumar Rao

Date **June 2, 2022**

Length **3 total hours**



Certificate no: UC-dc3e4661-82af-421b-93d5-a817a413e7f5

Certificate url: [ude.my/UC-dc3e4661-82af-421b-93d5-a817a413e7f5](https://ude.my/UC-dc3e4661-82af-421b-93d5-a817a413e7f5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Shivam Kumar Rao

Date **May 6, 2023**

Length **47 total hours**



Certificate no: UC-a5d74cb2-9115-4f99-bb43-be6e56786f64

Certificate url: [ude.my/UC-a5d74cb2-9115-4f99-bb43-be6e56786f64](https://ude.my/UC-a5d74cb2-9115-4f99-bb43-be6e56786f64)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

## Shivam Kumar Rao

Date **May 3, 2023**

Length **81.5 total hours**



# Georgia Institute of Technology

Jan 25, 2022

**Shivam Kumar Rao**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/6NUKKUWFXZY](https://coursera.org/verify/6NUKKUWFXZY)

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no. UC-0000000-000-0000-0000-000000000000  
Certificate url: udemy.com/uc-0000000-000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Learn Java to master( updated to Java 17)

Instructors: **Suvama Sachin Barsode**

**Ripa Ghosh**

Date: **April 9, 2024**

Length: **95 total hours**





Certificate No. UC-202305-5121-444-3948-7445010103  
Certificate of completion for the course: #1 SEO Training & Content Marketing Course 2023  
Reference Number: 5204

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy

**Ripa Ghosh**

Date: May 6, 2023

Length: 47 total hours



COURSE  
CERTIFICATE

Mar 9, 2023

Ripa Ghosh

has successfully completed

AWS Cloud Practitioner Essentials

an online non-credit course authorized by Amazon Web Services and offered through  
Coursera



*Oliver Swoboda*  
*Morgan Willis*      *Ripya Chetty*

Study Chair Morgan Willis, Name Confirmed

Verify at:  
<https://coursera.org/verify/3P2DXUTD4466>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-abc5e04c-f528-4e19-9638-b05fe5384091

Certificate url: [ude.my/UC-abc5e04c-f528-4e19-9638-b05fe5384091](https://ude.my/UC-abc5e04c-f528-4e19-9638-b05fe5384091)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Ripa Ghosh

Date **April 13, 2023**

Length **8.5 total hours**



Certificate no: UC-d39adb7-0747-40fa-8474-e5e11feddda5

Certificate url: [ude.my/UC-d39adb7-0747-40fa-8474-e5e11feddda5](https://ude.my/UC-d39adb7-0747-40fa-8474-e5e11feddda5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Ripa Ghosh

Date **April 12, 2023**

Length **9.5 total hours**



Certificate no: UC-c3cefe98-6b65-4bd3-96b4-3876e461941e

Certificate url: [ude.my/UC-c3cefe98-6b65-4bd3-96b4-3876e461941e](https://udemy.com/UC-c3cefe98-6b65-4bd3-96b4-3876e461941e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Suman Nath

Date **May 26, 2023**

Length **8 total hours**





Certificate no: UC-6dcd49f3-263e-4ebc-abb1-420b4b1244d9

Certificate url: [ude.my/UC-6dcd49f3-263e-4ebc-abb1-420b4b1244d9](https://ude.my/UC-6dcd49f3-263e-4ebc-abb1-420b4b1244d9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Suman Nath

Date **May 27, 2023**

Length **26 total hours**



Certificate no: UC-d2a7fa2b-8b6e-434b-bc5e-8edf1148d0a9

Certificate url: [ude.my/UC-d2a7fa2b-8b6e-434b-bc5e-8edf1148d0a9](https://udemy.com/certificate/UC-d2a7fa2b-8b6e-434b-bc5e-8edf1148d0a9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors **YouAccel Training**

## **Suman Nath**

Date **May 26, 2023**

Length **13 total hours**



Certificate no: UC-e770b674-b02b-4763-93be-ca1e198b51cf

Certificate url: [ude.my/UC-e770b674-b02b-4763-93be-ca1e198b51cf](https://ude.my/UC-e770b674-b02b-4763-93be-ca1e198b51cf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# LinkedIn Marketing : LinkedIn Ads | LinkedIn Lead Generation

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Souvik Maity

Date **May 9, 2023**

Length **15 total hours**





Certificate no: UC-b055465c-812a-4f05-b32f-71a04690257f

Certificate url: [ude.my/UC-b055465c-812a-4f05-b32f-71a04690257f](https://ude.my/UC-b055465c-812a-4f05-b32f-71a04690257f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter & Firebase Chat App: Master Flutter and Firebase

Instructors **Hussain Mustafa**

## Souvik Maity

Date **May 2, 2023**

Length **10.5 total hours**



Certificate no: UC-8154e1c1-bb3d-4d00-87ec-0a5a6ba197d9

Certificate url: [ude.my/UC-8154e1c1-bb3d-4d00-87ec-0a5a6ba197d9](https://ude.my/UC-8154e1c1-bb3d-4d00-87ec-0a5a6ba197d9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build A Chat Application With Firebase, Flutter and Provider

Instructors **Hussain Mustafa**

## Souvik Maity

Date **May 2, 2023**

Length **8 total hours**





April 22, 2023

**Souvik Maity**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Ravi Ahuja  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/IBWVLE3163C>

Coursera has confirmed the identity of this individual and their participation in the course.

# UC DAVIS

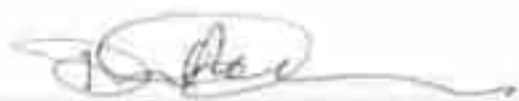
Mar 18, 2023

**Souvik Maity**

has successfully completed

**Introduction to Web Development**

an online non-credit course authorized by University of California, Davis and offered through Coursera.



Daniel Randall  
Web Development Instructor  
UC Davis Division of Continuing and Professional Education

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/8B1A1XX6PV16>

Coursera has certified the identity of this individual and their participation in the course.

नामांकन सं. / Enrolment No. : 2022981522971

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SOUVIK MAITY**

को " आर्टिफिशियल इंटेलिजेंस (एआई) द्वारा पृथ्वी अवलोकन (ईओ) एवं जिओडेटा हैंडलिंग व प्रोसेसिंग "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 02 मई, 2022 से 13 मई, 2022 ( कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SOUVIK MAITY**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Artificial Intelligence (AI) for Earth Observation (EO) and Geodata Handling and Processing"**

THIS ONLINE COURSE WAS CONDUCTED DURING **02-05-2022 to 13-05-2022** ( Total course duration was = 10 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

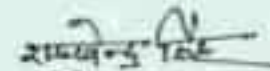
Date: 24-05-2022

Place: Dehradun

UID: d15ee12e742b2e51693e479f60b81c13 .This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun





अंतरिक्ष विभाग / DEPARTMENT OF SPACE,  
भारत सरकार / GOVERNMENT OF INDIA  
भारतीय अंतरिक्ष अनुसंधान संगठन / INDIAN SPACE RESEARCH ORGANISATION  
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolment No. : 2022941470489

## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SOUVIK MAITY**

को " पाथथन द्वारा जियोप्रोसेसिंग का अवलोकन "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 17 जनवरी, 2022 से 28 जनवरी, 2022 ( कुल पाठ्यक्रम की अवधि = 10 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SOUVIK MAITY**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Overview of Geoprocessing using Python"**

THIS ONLINE COURSE WAS CONDUCTED DURING **17-01-2022 to 28-01-2022** ( Total course duration was = 10 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

Date: 10-02-2022

Place: Dehradun

UID: a7955464b57e93a4d0210d425065e0a6 . This Certificate can be validated using URL- <https://certificate.iirs.gov.in>

समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution

निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun

**Imperial College  
London**

May 21, 2021

**Souvik Maity**

has successfully completed

**Creative Thinking: Techniques and Tools for  
Success**

an online non-credit course authorized by Imperial College London and offered through  
Coursera



Peter Childs  
Head of the Design School of Design Engineering  
Open School of Design Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/DM2PHH75U78M>

Coursera has certified the identity of this individual and their  
participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 10, 2021

**Souvik Maity**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/5397088MAY21>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 23, 2022

**Souvik Maity**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/E2N7NSAGFVQ4](https://coursera.org/verify/E2N7NSAGFVQ4)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 8, 2021

**Souvik Maity**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/W85HKGY76XPE](https://coursera.org/verify/W85HKGY76XPE)

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-949204a3-6d78-49e3-b4ef-0c4ff2ad3770

Certificate url: [ude.my/UC-949204a3-6d78-49e3-b4ef-0c4ff2ad3770](https://ude.my/UC-949204a3-6d78-49e3-b4ef-0c4ff2ad3770)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Souvik Maity**

Date **May 9, 2023**

Length **8 total hours**





Certificate no: UC-2b6a1559-346d-4d16-b894-0040314770d7

Certificate url: [ude.my/UC-2b6a1559-346d-4d16-b894-0040314770d7](https://ude.my/UC-2b6a1559-346d-4d16-b894-0040314770d7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Strategic Human Resource Management (SHRM) Certification

Instructors **Petar Dimov**

## Sumit Paul

Date **May 10, 2024**

Length **9 total hours**





Certificate no: UC-16d9cc8d-c6e7-4c1c-9861-ed9d447dd841

Certificate url: [ude.my/UC-16d9cc8d-c6e7-4c1c-9861-ed9d447dd841](https://ude.my/UC-16d9cc8d-c6e7-4c1c-9861-ed9d447dd841)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Revit- Mass Modeling- From Zero to Complex Shapes

Instructors **Amir Karami**

## Sumit Paul

Date **Dec. 24, 2023**

Length **8 total hours**



Certificate no: UC-332ca80a-6543-4341-ade1-87a8950cfedf

Certificate url: [ude.my/UC-332ca80a-6543-4341-ade1-87a8950cfedf](https://ude.my/UC-332ca80a-6543-4341-ade1-87a8950cfedf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP Tutorial Beginner to Advanced

Instructors **AMIR KAMIZI**

## Sumit Paul

Date **Dec. 25, 2023**

Length **10.5 total hours**



Certificate no: UC-818cfdce-3cd6-419c-acea-5dc658007d43

Certificate url: [ude.my/UC-818cfdce-3cd6-419c-acea-5dc658007d43](https://ude.my/UC-818cfdce-3cd6-419c-acea-5dc658007d43)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Navisworks Manage - from Beginner to Advanced

Instructors **Ghasem Ariyani**

## Sumit Paul

Date **Dec. 23, 2023**

Length **23 total hours**



Certificate no: UC-7bef2ed1-e655-4fc4-878f-d2f4a82c48ed  
Certificate url: [ude.my/UC-7bef2ed1-e655-4fc4-878f-d2f4a82c48ed](https://ude.my/UC-7bef2ed1-e655-4fc4-878f-d2f4a82c48ed)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Sumit Paul

Date **May 6, 2023**

Length **22 total hours**





Certificate no: UC-f9e9d355-31d6-4743-8af3-f9d7ea524e0d

Certificate url: [ude.my/UC-f9e9d355-31d6-4743-8af3-f9d7ea524e0d](https://ude.my/UC-f9e9d355-31d6-4743-8af3-f9d7ea524e0d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Meta Advertising Fundamentals: Facebook Ads & Instagram Ads

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Sumit Paul

Date **March 20, 2023**

Length **12 total hours**





Certificate no: UC-4a410b68-6173-4876-98da-415bde5cd4c0

Certificate url: [ude.my/UC-4a410b68-6173-4876-98da-415bde5cd4c0](https://ude.my/UC-4a410b68-6173-4876-98da-415bde5cd4c0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Amazon FBA learning With Dragons ECommerce

Instructors **Ali Haider**

## Sumit Paul

Date **March 15, 2023**

Length **8 total hours**



Certificate no: UC-5cc33555-6c6c-41f0-aacd-9e61b3288c88

Certificate url: [ude.my/UC-5cc33555-6c6c-41f0-aacd-9e61b3288c88](https://www.udemy.com/certificate/UC-5cc33555-6c6c-41f0-aacd-9e61b3288c88)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy** | 170.000+ Students

## Sumit Paul

Date **March 2, 2023**

Length **8 total hours**



Certificate no: UC-d7d2cc74-1e65-45ca-8a64-46355da13b0c

Certificate url: [ude.my/UC-d7d2cc74-1e65-45ca-8a64-46355da13b0c](https://ude.my/UC-d7d2cc74-1e65-45ca-8a64-46355da13b0c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors **Nick Ovchinnikov**

## Sumit Paul

Date **March 7, 2023**

Length **17.5 total hours**





Certificate no: UC-22c8bd05-b032-4017-8a22-5f0e1c1f2e04

Certificate url: [ude.my/UC-22c8bd05-b032-4017-8a22-5f0e1c1f2e04](https://ude.my/UC-22c8bd05-b032-4017-8a22-5f0e1c1f2e04)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Machine Learning with R Studio - ML for 2023

Instructors **Start-Tech Academy**

## Sumit Paul

Date **March 7, 2023**

Length **12 total hours**



Certificate no: UC-22ddf2df-4840-4bc9-a2df-33f713fd7f5f  
Certificate url: [ude.my/UC-22ddf2df-4840-4bc9-a2df-33f713fd7f5f](https://ude.my/UC-22ddf2df-4840-4bc9-a2df-33f713fd7f5f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Looker and Looker Studio: Google's Data Visualization Tools

Instructors **Start-Tech Academy**

**Sumit Paul**

Date **March 7, 2023**

Length **12 total hours**





Certificate no: UC-21e56887-5187-4182-8780-672772eaced

Certificate url: [udemy.com/UC-21e56887-5187-4182-8780-672772eaced](https://udemy.com/UC-21e56887-5187-4182-8780-672772eaced)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors **Horizon Tech**

**Souvik Kundu**

Date **May 11, 2024**

Length **18.5 total hours**

## Statement of participation

# Souvik Kundu

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 17 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE:** ETHICS\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsini to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everyday

#### Section 5

Landscape with Weapon an allegory

#### Section 6

Conclusion

#### Section 7

Summary





# Certificate

We certify that Souvik Kundu  
has completed the following courses on our platform:



Learn English with Adam

23 hours 22 minutes - From 16/05/2024 to 17/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Souvik Kundu

u4315568

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



University of Colorado

Boulder | Fort Collins | Greeley | Denver | Anschutz Medical Campus

July 22, 2024

**Sautrick Chatterjee**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online course which counts as a credit for University of Colorado Boulder and is listed through Coursera.

*Matthew Korschmann*

Deputy & Associate, P&E  
Business Division  
Department of Transportation  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/511XQ225N345](https://coursera.org/verify/511XQ225N345)

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**Verified**  
Certificate




This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Joseph Sathyanarayanan  
Data Scientist  
IBM



Verified Certificate  
Issued June 24, 2021

Valid Certificate ID:  
[552488x1w0J2019107013888272e](#)



AMERICAN MUSEUM  
OF NATURAL HISTORY



20 Feb. 2020

Sautrick Chatterjee

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History through  
Higher Medical Institute and offered through Coursera.

Sautrick Chatterjee  
Director, Center for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/46340494222209](https://coursera.org/verify/46340494222209)  
Coursera has verified the identity of this individual and they  
are eligible to take the course.

**Verified**  
Certificate

**IBM**

This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.



Raj Arora  
AI and Data Science Program Director

IBM



Ujjwal Laha  
Senior Developer Advocate

IBM



Verified Certificate  
Issued July 1, 2021

Valid Certificate ID  
[e22bc6c08d88b65718ee5d6c5db38e23d](#)



July 27, 2015

**Sautrick Chatterjee**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course offered by University of Michigan and affiliated through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles W. O'Connell  
Dean, School of Engineering  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/714822608405](https://coursera.org/verify/714822608405)

For more information on the quality of our degrees, visit [coursera.org/degrees](https://coursera.org/degrees)





**Verified**  
Certificate



A handwritten signature in black ink, appearing to read 'Elyse Desjardins'.

Elyse Desjardins  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 26, 2022

Valid Certificate ID  
8c3316df08ee6c28a2506c2e0896d78

**Verified**  
Certificate



This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.

*Cecilia Rydholm*

Global Systems  
Program Manager, IBM Security Learning Services

IBM



Verified Certificate  
Issued June 8, 2022

Valid Certificate ID

[672e87e3d-314870e0973e9546e418788](#)

**Verified  
Certificate**



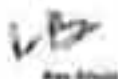
This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning initiative of IBM.

  
Anirupa  
AI and Data Science Program Director  
IBM



Verified Certificate  
Issued May 28, 2022

Valid Certificate ID  
[1-5275c224504485e03470e07c040a0188d](#)



## Verified Certificate



This is to certify that

**Sautrick Chatterjee**

successfully completed and received a passing grade in

**LFS165x: Introduction to Open Source Networking  
Technologies**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

**Chris Sempert**  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 14, 2023

Valid Certificate ID  
[28a9f533890a452a3623090a000170d4](#)





Certificate no. UC-1066446-4248-4661-4110-4134202304  
Certificate url: <https://www.udacity.com/certificate/UC-1066446-4248-4661-4110-4134202304>  
Release Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors: EdYoda Digital University, Ashish Pandey

**Sautrick Chatterjee**

Date: May 18, 2023

Length: 11 total hours



Certificate ID: UC-809620F-825-425-4407-740794274  
Certificate of Completion UC-809620F-825-425-4407-740794274  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: **Andrii Platakha, Learn IT University**

**Samrat kaustav Raj**

Date: 10 May 2022

Length: 29.5 total hours



Certificate no UC-1451882-1816-426-16617-1665564021  
Certificate no udemy/CC-1451882-1816-426-16617-1665564021  
Reference Number 18704

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Samrat kaustav Raj**

Date **10 May 2022**

Length **9.5 total hours**

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 45 Days Challenge

Instructors: Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Samrat kaustav Raj**

Date: 13 Jun 2022

Length: 37 total hours



Certificate ID: UC-29109D-4321-4227-4227-2942109D77E  
Certificate URL: [www.udacity.com/certificate/UC-29109D-4321-4227-4227-2942109D77E](https://www.udacity.com/certificate/UC-29109D-4321-4227-4227-2942109D77E)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors: **Hemanth kumar**

**Samrat kaustav Raj**

Date: **1 Feb 2023**

Length: **45.5 total hours**





Certificate no: UC-77e60ba-af6-4baa-c095-0a7d334343  
Certificate url: udemy/UC-77e60ba-af6-4baa-c095-0a7d334343  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro | Ultimate Guide

Instructors: **Josh Werner**

**Samrat kaustav Raj**

Date: **24 Mar 2023**

Length: **13.5 total hours**



Certificate ID: UC-T3207624-8514-4895-5427-48283364482  
Certificate URL: udemy.com/UC-T3207624-8514-4895-5427-48283364482  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Personal Finance #8-Insurance- Medical & Disability

Instructors **Robert (Bob) Steele**

**Samrat kaustav Raj**

Date: **6 Jan 2023**

Length: **19.5 total hours**



Certificate no: UC-700af3bf-c33b-479b-9334-3e2397cf230e

Certificate url: [ude.my/UC-700af3bf-c33b-479b-9334-3e2397cf230e](https://ude.my/UC-700af3bf-c33b-479b-9334-3e2397cf230e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

## Ashish Debnath

Date **May 18, 2023**

Length **12.5 total hours**



Certificate no: UC-618d5a19-1502-43de-bb9f-62c688dc64f1

Certificate url: [ude.my/UC-618d5a19-1502-43de-bb9f-62c688dc64f1](https://ude.my/UC-618d5a19-1502-43de-bb9f-62c688dc64f1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors **YouAccel Training**

## Ashish Debnath

Date **May 18, 2023**

Length **11.5 total hours**





Certificate no: UC-8ad50d53-55e3-49f9-8f5a-15596147ecf4

Certificate url: [ude.my/UC-8ad50d53-55e3-49f9-8f5a-15596147ecf4](https://ude.my/UC-8ad50d53-55e3-49f9-8f5a-15596147ecf4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Configure NGINX on a Cloud Server: Digital Ocean & AWS

Instructors **YouAccel Training**

## Ashish Debnath

Date **May 19, 2023**

Length **9.5 total hours**





Certificate no: UC-9c1e1b6b-56d7-4f7e-827c-7d32ddfe1189

Certificate url: [ude.my/UC-9c1e1b6b-56d7-4f7e-827c-7d32ddfe1189](https://ude.my/UC-9c1e1b6b-56d7-4f7e-827c-7d32ddfe1189)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real time Automation+Manual Interview Questions with Answers

Instructors **Jaikishan Mohanty**

## Ashish Debnath

Date **May 19, 2023**

Length **8.5 total hours**



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

May 13, 2023

**Karan Shaw**

has successfully completed

**Introduction to Cyber Attacks**

an online non-credit course authorized by New York University and offered through  
Coursera



*Edward C. Amos*

Dr. Edward C. Amos  
Senior Lecturer, NYU and CEO, TSO Cyber LLC  
Computer Science

Verify at:  
<https://coursera.org/verify/TV3PH8YVNT8P>

Coursera has confirmed the identity of this individual and their participation in the course.



Apr 22, 2023

**Karan Shaw**

has successfully completed

**Technical Support Fundamentals**

an online non-credit course authorized by Google and offered through Coursera

**Google**

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Google

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TCQ91SM62CE>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 13, 2023

**Karan Shaw**

has successfully completed

**Data Science Ethics**

an online non-credit course authorized by University of Michigan and offered through Coursera



**HV Jagadeesh**  
Bernard A. Gilman Collegiate Professor  
Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/SD/GMVI84H/P>

Coursera has certified the identity of this individual and their participation in the course.



May 11, 2013

**Karan Shaw**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line with four handwritten signatures in black ink above it.

Scott H. Rieggan, Devin J. Srinivasan, Andrew D. Wilson, Robert Duvall

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DG6U3PPA76K12>

Coursera has verified the identity of this individual and their participation in the course.





May 19, 2021

**Karan Shaw**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/21DFT834TJ15>

Coursera has confirmed the identity of this individual and their participation in the course.

May 29, 2022

**Karan Shaw**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadiot, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Pappas, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications and Policy

Verify at:

<https://coursera.org/verify/GVVDAP2KX2IS>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 29, 2022

**Karan Shaw**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

Don Sims, Ella St. Louis, Ph.D., Ann T. Bouda, Ed.D., Vice Rector, ISU  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EK8A9FT189DS>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 19, 2022

**Karan Shaw**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/FH3DRQPM4BG6](https://coursera.org/verify/FH3DRQPM4BG6)

Coursera has certified the identity of this individual and their participation in the course.

# Yale

May 26, 2022

**Karan Shaw**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/CSANJ117PKE>

Coursera has confirmed the identity of this individual and their participation in the course.



**UCI** Division of  
Continuing Education

May 29, 2022

**Karan Shaw**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera.



Diane Spiegel,  
Executive Coach

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/81857201V01E>

Coursera has certified the identity of this individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 30, 2022

**Karan Shaw**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/2W0W23PAV4D>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-a5d5cce2-cedc-4a4a-bbe8-6e68b4c4e730  
Certificate url: [ude.my/UC-a5d5cce2-cedc-4a4a-bbe8-6e68b4c4e730](https://ude.my/UC-a5d5cce2-cedc-4a4a-bbe8-6e68b4c4e730)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Karan Shaw

Date **May 12, 2023**

Length **11 total hours**



Certificate no: UC-9df6aafb-296b-41a6-912e-f55a6cde6098

Certificate url: [ude.my/UC-9df6aafb-296b-41a6-912e-f55a6cde6098](https://ude.my/UC-9df6aafb-296b-41a6-912e-f55a6cde6098)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Karan Shaw**

Date **May 12, 2023**

Length **11 total hours**





Certificate no: UC-03f5f5fe-e3d6-48a5-b3da-eb2394c41f68

Certificate url: [ude.my/UC-03f5f5fe-e3d6-48a5-b3da-eb2394c41f68](https://ude.my/UC-03f5f5fe-e3d6-48a5-b3da-eb2394c41f68)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Karan Shaw**

Date **May 12, 2023**

Length **11 total hours**





Certificate no. UC-4d86d95b-385e-4033-915e-12343895d87x  
Certificate url: udemy/UC-4d86d95b-385e-4033-915e-12343895d87x  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy**

**Krishnakanta Khamrui**

Date: **March 24, 2024**

Length: **77 total hours**



Apr 5, 2024

**Krishnakanta Khamrui**

has successfully completed

**Automate Cybersecurity Tasks with Python**

an online non-credit course authorized by Google and offered through Coursera



Ananda Prasad  
Global Director of Google Cloud Certificates

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/3982NK2B1D1A>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 14, 2024

**Krishnakanta Khamrui**

has successfully completed

**Ethics in Engineering**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

*David R. Chaffey*

David Chaffey, Bill Green College of Engineering, Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TZYV17V5TYTZ>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-8a4dea1c-9c38-45e8-bec1-7114c3569404

Certificate url: [ude.my/UC-8a4dea1c-9c38-45e8-bec1-7114c3569404](https://ude.my/UC-8a4dea1c-9c38-45e8-bec1-7114c3569404)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors **Robert (Bob) Steele**

## Somnath Dey

Date **March 20, 2023**

Length **44 total hours**



Certificate no: UC-bbcb89c4-81eb-4205-ba76-4b4df6ba783f

Certificate url: [ude.my/UC-bbcb89c4-81eb-4205-ba76-4b4df6ba783f](https://ude.my/UC-bbcb89c4-81eb-4205-ba76-4b4df6ba783f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Financial Accounting

Instructors **Robert (Bob) Steele**

## Somnath Dey

Date **March 20, 2023**

Length **63.5 total hours**





Certificate no: UC-e0c35cb5-790c-4263-ba31-dee41569df70

Certificate url: [ude.my/UC-e0c35cb5-790c-4263-ba31-dee41569df70](https://ude.my/UC-e0c35cb5-790c-4263-ba31-dee41569df70)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors **YouAccel Training**

## Arpan Mandal

Date **May 9, 2023**

Length **11.5 total hours**



Apr 22, 2023

**ARPAN MANDAL**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Alan Allen, PhD  
Data Science

Verify at:  
<https://coursera.org/verify/3V25T3AK74ID3>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-fab303a2-9989-484f-8bf5-6015894bf2ef

Certificate url: [ude.my/UC-fab303a2-9989-484f-8bf5-6015894bf2ef](https://ude.my/UC-fab303a2-9989-484f-8bf5-6015894bf2ef)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructors **BS Academy**

## Arpan Mandal

Date **May 19, 2023**

Length **8.5 total hours**



Apr 27, 2023

**ARPAN MANDAL**

has successfully completed

**Data-driven Decision Making**

an online non-credit course authorized by PwC and offered through Coursera

A handwritten signature in black ink, appearing to read 'Alan Marrella', is written in a cursive style.

Alan Marrella  
Principal  
Data and Analytics Operating

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/4D8K18LSW018](https://coursera.org/verify/4D8K18LSW018)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is issued by PricewaterhouseCoopers LLP with an address at 300 Madison Avenue, New York, New York, 10017





Certificate no: UC-62e1d9a0-64ec-4f92-ad18-e1373dbed20d

Certificate url: [ude.my/UC-62e1d9a0-64ec-4f92-ad18-e1373dbed20d](https://ude.my/UC-62e1d9a0-64ec-4f92-ad18-e1373dbed20d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ethical Hacking and Cyber Security Masterclass | CSEH+ 2022

Instructors **OCSALY - Online Computer Science Academy**

## Arpan Mandal

Date **Aug. 22, 2022**

Length **9 total hours**





Certificate no: UC-0b283a44-91df-48b9-b892-79065fdb0839  
Certificate url: [ude.my/UC-0b283a44-91df-48b9-b892-79065fdb0839](https://ude.my/UC-0b283a44-91df-48b9-b892-79065fdb0839)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Nutrition Life Coach Ultimate Certification Course

Instructors **BS Academy**

**Arpan Mandal**

Date **Aug. 22, 2022**

Length **11 total hours**



Apr 22, 2023

**ARPAN MANDAL**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Alan Allen, PhD  
Data Science

Verify at:  
<https://coursera.org/verify/3V2ST3AK74ID3>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-9bcb894f-6195-4bd7-adb3-7de297ad014c

Certificate url: [ude.my/UC-9bcb894f-6195-4bd7-adb3-7de297ad014c](https://ude.my/UC-9bcb894f-6195-4bd7-adb3-7de297ad014c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Arpan Mandal

Date **May 19, 2023**

Length **8 total hours**



Certificate no: UC-597f0ebc-b169-4daa-a284-146f769b498d

Certificate url: [ude.my/UC-597f0ebc-b169-4daa-a284-146f769b498d](https://ude.my/UC-597f0ebc-b169-4daa-a284-146f769b498d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## **Nilanjana Bairagi**

Date **March 17, 2023**

Length **32 total hours**





Certificate no: UC-4fb88193-6ad3-46c0-a0df-bb7284bdea18

Certificate url: [ude.my/UC-4fb88193-6ad3-46c0-a0df-bb7284bdea18](https://ude.my/UC-4fb88193-6ad3-46c0-a0df-bb7284bdea18)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Web Development: 22 Courses in 1

Instructors **Creative Online School**

## Nilanjana Bairagi

Date **March 17, 2023**

Length **11.5 total hours**





Certificate no: UC-b45e82ea-7b01-4faa-8e9b-6330791be127

Certificate url: [ude.my/UC-b45e82ea-7b01-4faa-8e9b-6330791be127](https://ude.my/UC-b45e82ea-7b01-4faa-8e9b-6330791be127)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Nilanjana Bairagi**

Date **May 14, 2024**

Length **18.5 total hours**



Certificate no: UC-2927ce0e-214e-4265-a297-7378c1f14d12

Certificate url: [ude.my/UC-2927ce0e-214e-4265-a297-7378c1f14d12](https://udemy.com/certificate/UC-2927ce0e-214e-4265-a297-7378c1f14d12)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Stack Complete Course

Instructors **Horizon Tech**

**Nilanjana Bairagi**

Date **May 14, 2024**

Length **11.5 total hours**



Certificate no: UC-8112fe3d-9363-4538-b86d-37af2d4655a8

Certificate url: [ude.my/UC-8112fe3d-9363-4538-b86d-37af2d4655a8](https://ude.my/UC-8112fe3d-9363-4538-b86d-37af2d4655a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP : CJNP+ 2024 JVA

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Nilanjana Bairagi

Date **May 13, 2024**

Length **8.5 total hours**





Certificate no: UC-77f15d1c-258f-49e4-9405-322f158e464c

Certificate url: [ude.my/UC-77f15d1c-258f-49e4-9405-322f158e464c](https://www.udemy.com/certificate/UC-77f15d1c-258f-49e4-9405-322f158e464c/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Rishita Singh

Date **May 10, 2023**

Length **10.5 total hours**



April 22, 2022

**Anup Bhar**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/8CB4C829711C9>

Coursera has certified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Nov 15, 2023

**Anup Bhar**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/BSKOUxM6MskT>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Mar 28, 2021

**Anup Bhar**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
[coursera.org/verify/GENG311UG53H](https://coursera.org/verify/GENG311UG53H)

Coursera has confirmed the identity of this individual and their participation in the course.

# Stanford | ONLINE

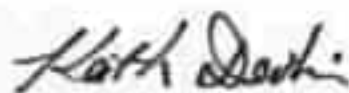
May 16, 2021

Anup Bhar

has successfully completed

Introduction to Mathematical Thinking

an online non-credit course authorized by Stanford University and offered through  
Coursera



Keith Devlin, Ph.D., DSc.  
Stanford University

COURSE  
CERTIFICATE



Verify at:  
[coursera.org/verify/CWAP107D0M10](https://coursera.org/verify/CWAP107D0M10)

Coursera has confirmed the identity of this individual and their participation in the course.



May 23, 2021

**Anup Bhar**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/SCSSVGH50RFD](https://coursera.org/verify/SCSSVGH50RFD)

Coursera has certified the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and JHU (word) or  
signify this learner at JHU or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



May 23, 2021

**Anup Bhar**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/2F87DWG0G0Fz>

Coursera has certified the identity of this individual and their participation in the course.





May 22, 2022

**Anup Bhar**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera

A handwritten signature in black ink, appearing to read "Martin Ghahai".

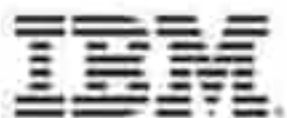
Martin Ghahai, Steven Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ZVTS2801C072>

Coursera has certified the identity of this individual and their participation in the course.



Mar 30, 2023

**Anup Bhar**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terryl Puckett*

Terryl Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/40VBRH7CDB02>

Coursera has certified the identity of this individual and their participation in the course.

# CALARTS

Dec 8, 2022

Anup Bhar

has successfully completed

Plan a Successful Freelancing Business

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

Tatiana Mulry  
Faculty  
Executive Director

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/NM0M/ETN3SE>

Coursera has certified the identity of this individual and their participation in the course.



Mar 30, 2023

**Anup Bhar**

has successfully completed

**Foundations of User Experience (UX) Design**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CETS809W8F1x>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

Sep 25, 2023

Anup Bhar

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/3AAA804626H3>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-83a7f398-2678-49da-b8ba-1e5c4790449b  
Certificate url: [ude.my/UC-83a7f398-2678-49da-b8ba-1e5c4790449b](https://udemy.com/UC-83a7f398-2678-49da-b8ba-1e5c4790449b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# [NEW] Spring Boot 3, Spring 6 & Hibernate for Beginners

Instructors **Chad Darby**

## Anup Bhar

Date **May 3, 2024**

Length **34 total hours**

# Yale

April 1962

**SPANDAN BANDYOPADHYAY**

has successfully completed

**The Science of Well-Being**

and has been awarded credit as required by Yale University and offered through Coursera



Spandan Bandyopadhyay  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/verify>

Coursera has validated the identity of the individual and the

completion of the course

This document is provided as evidence of the completion of the course. It is not a transcript and does not constitute an official record of the University. The University is not responsible for the accuracy of the information provided on this document. The University is not responsible for the accuracy of the information provided on this document. The University is not responsible for the accuracy of the information provided on this document.



DARDEN SCHOOL  
of BUSINESS

RECEIVED

**SPANDAN BANDYOPADHYAY**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

and this non-credit course is certified by University of Virginia and offered through  
Coursera

*May R. Jankota*

May R. Jankota  
Dean of the Darden School  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/verify/2022/08/05/27>

Course's Accredited or Certified by the Institution and has  
participated in the course



**Georgia Institute**  
**of Technology**

April 25, 2014

**SPANDAN BANDYOPADHYAY**

has successfully completed

**Write Professional Emails in English**

and this work could be used as evidence by Georgia Institute of Technology and a third  
through Coursera.

David J. Reardon  
Dean  
College of Engineering

**COURSE  
CERTIFICATE**



valid by 4/1

<https://www.coursera.org/certificates>

Coursera has validated the identity of the individual and their  
participation in this course.



2021-2022

**SPANDAN BANDYOPADHYAY**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course credit course authorized by University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles E. Young', followed by a horizontal line.

Charles E. Young  
Executive Vice President  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/education>  
Course's Record and/or the validity of the signature and the  
participating organization.





Certificate no: UC-44487fc6-90b8-4e6e-9183-a91878039bce  
Certificate url: [ude.my/UC-44487fc6-90b8-4e6e-9183-a91878039bce](https://ude.my/UC-44487fc6-90b8-4e6e-9183-a91878039bce)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# UI/UX Design With Figma : 5+ Real World Projects

Instructors **Chetan Pujari**

## Animesh Bhukta

Date **March 12, 2024**

Length **4.5 total hours**



Certificate no: UC-5eabfc3c-2078-49cf-9f8f-e125f126eaad

Certificate url: [ude.my/UC-5eabfc3c-2078-49cf-9f8f-e125f126eaad](https://udemy.com/certificate/UC-5eabfc3c-2078-49cf-9f8f-e125f126eaad)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro CC: Video Editing for Beginners

Instructors **Chetan Pujari**

## Animesh Bhukta

Date **March 12, 2024**

Length **3.5 total hours**



Certificate no: UC-b9ebc7af-292d-4d18-b333-76464baf98bf

Certificate url: [ude.my/UC-b9ebc7af-292d-4d18-b333-76464baf98bf](https://ude.my/UC-b9ebc7af-292d-4d18-b333-76464baf98bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Civil Engineering Structural Shop Drawing in AutoCAD

Instructors **Ahmad Traboulsi**

## **Animesh Bhukta**

Date **March 24, 2023**

Length **5 total hours**





Certificate no: UC-47c33bd8-b5dd-4e98-a4a7-8c100c068980

Certificate url: [ude.my/UC-47c33bd8-b5dd-4e98-a4a7-8c100c068980](https://ude.my/UC-47c33bd8-b5dd-4e98-a4a7-8c100c068980)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Prokon Analysis and Design of 3 Stories R.C.C Building

Instructors **Ahmad Traboulsi**

## **Animesh Bhukta**

Date **March 23, 2023**

Length **2 total hours**



Certificate no: UC-18f822b9-9b10-4f4d-aff5-76159d9fb984

Certificate url: [ude.my/UC-18f822b9-9b10-4f4d-aff5-76159d9fb984](https://ude.my/UC-18f822b9-9b10-4f4d-aff5-76159d9fb984)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Programming with C++ Language: The Complete Course

Instructors **Rakesh Roshan**

## **Animesh Bhukta**

Date **March 22, 2023**

Length **10 total hours**





Feb 22, 2023

**ANIMESH BHUKTA**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM Skills Network and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Animesh Bhukta  
Data Science

Verify at:  
<https://coursera.org/verify/3H123H2HWFWD>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Aug 30, 2022

**ANIMESH BHUKTA**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/M7OWGAKK24HT>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Apr 29, 2022

**ANIMESH BHUKTA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/HM842E95ssD2>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Oct 20, 2022

**ANIMESH BHUKTA**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Nilam Baker  
Professors | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/48AvTSN6V5C71>

Coursera has confirmed the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Feb. 8, 2023

**ANIMESH BHUKTA**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/VK03H5H38G4D](https://coursera.org/verify/VK03H5H38G4D)

Coursera has confirmed the identity of this individual and their participation in the course.





# RICE UNIVERSITY

May 22, 2022

## ANIMESH BHUKTA

has successfully completed

### Interpersonal Communication for Engineering Leaders

an online non-credit course authorized by Rice University and offered through Coursera.

Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Brent Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

## COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/cf1W18RC34672>

Coursera has certified the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

December 19, 2022

**ANIMESH BHUKTA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/MYSJ2UUGS111](https://coursera.org/verify/MYSJ2UUGS111)

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-da15059d-7828-4451-9072-8fb0f6cad321

Certificate url: [ude.my/UC-da15059d-7828-4451-9072-8fb0f6cad321](https://ude.my/UC-da15059d-7828-4451-9072-8fb0f6cad321)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management for Profit with Dekker

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Animesh Bhukta

Date **May 2, 2024**

Length **25 total hours**

# **M** UNIVERSITY OF MICHIGAN

05-May-2024

**Pritha Bose**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CW5988VXXNDW>

Coursera has confirmed the identity of the individual and their participation in the course.



Certificate no: UC-1605f40b-133c-4eab-9a24-9ea18ff4a2ce

Certificate url: [ude.my/UC-1605f40b-133c-4eab-9a24-9ea18ff4a2ce](https://ude.my/UC-1605f40b-133c-4eab-9a24-9ea18ff4a2ce)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Pritha Bose**

Date **May 19, 2024**

Length **8 total hours**





Certificate no: UC-8f5edf1d-9b7f-44cc-8fd7-2969c917561b

Certificate url: [ude.my/UC-8f5edf1d-9b7f-44cc-8fd7-2969c917561b](https://ude.my/UC-8f5edf1d-9b7f-44cc-8fd7-2969c917561b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Pritha Bose

Date **Feb. 28, 2024**

Length **77 total hours**

# Yale

07-Apr-2024

## Pritha Bose

has successfully completed

### The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

COURSE  
CERTIFICATE



Verify at:  
[coursera.org/verify/SXDRUSA19SKH](https://coursera.org/verify/SXDRUSA19SKH)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This participant has successfully completed the Science of Well-Being with honor, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please consult your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



Certificate no: UC-fea630d1-2909-4691-9ff6-f2eb96822a8c

Certificate url: [ude.my/UC-fea630d1-2909-4691-9ff6-f2eb96822a8c](https://ude.my/UC-fea630d1-2909-4691-9ff6-f2eb96822a8c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Anurag Singh

Date **May 19, 2024**

Length **34 total hours**



Certificate no: UC-f27912e2-ddd3-486b-a643-d874bb89dcea

Certificate url: [udemy.com/UC-f27912e2-ddd3-486b-a643-d874bb89dcea](https://udemy.com/UC-f27912e2-ddd3-486b-a643-d874bb89dcea)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Ethical Hacking in 43 Hours: Certificated CSEH+CEH 2024

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Anurag Singh

Date **May 19, 2024**

Length **43 total hours**





Certificate no: UC-38122218-cd43-46e4-b313-0eb8913d45fb

Certificate url: [ude.my/UC-38122218-cd43-46e4-b313-0eb8913d45fb](https://udemy.com/UC-38122218-cd43-46e4-b313-0eb8913d45fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Vinay kumar**

Date **May 14, 2024**

Length **77 total hours**





Certificate no: UC-23dcdafe-f665-4917-a22f-426660415c0b  
Certificate url: [ude.my/UC-23dcdafe-f665-4917-a22f-426660415c0b](https://ude.my/UC-23dcdafe-f665-4917-a22f-426660415c0b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Vinay kumar**

Date **May 14, 2024**

Length **40 total hours**



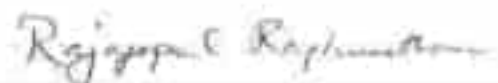
May 10, 2024

**Ankita Samanta**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

A handwritten signature in black ink, which appears to read "Ranjiv Ranjan".

Ranjiv Ranjan, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/WG88T279e20x>

Coursera has verified the identity of this individual and their participation in the course.



**UC** | Chile

May 4, 2024

**Ankita Samanta**

has successfully completed

**English for Common Interactions in the  
Workplace: Basic Level**

an online non-credit course authorized by Pontificia Universidad Católica de Chile and  
offered through Coursera

James Gilman  
Building Director and Coordinating Center Director

Paula Alejandra Rosi Arce  
Deputy Academic Director of Academic Programs  
Head of Program

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/701hv5jwv1m>

Coursera has verified the identity of this individual and their  
participation in the course.



May 9, 2024

**Ankita Samanta**

has successfully completed

**Python and Statistics for Financial Analysis**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Yuen Yik  
Associate Professor  
Department of Information Systems, Business Statistics and Operations Management

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/61551585722>

Coursera has certified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

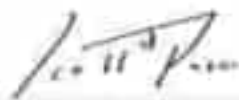
May 7, 2014

Ankita Samanta

has successfully completed

Model Thinking

an online non-credit course authorized by University of Michigan and offered through Coursera



SCOTT PAGE  
KIMBLEE DEEPTI BHOWMIK LEARNING DESIGN UNIVERSITY PROFESSOR  
UNIVERSITY OF MICHIGAN

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/US8APMYM1A9I>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-1dfda375-8ce0-4764-b302-a526be5d8da8

Certificate url: [udemy.com/UC-1dfda375-8ce0-4764-b302-a526be5d8da8](https://udemy.com/UC-1dfda375-8ce0-4764-b302-a526be5d8da8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors **Anton Voroniuk**

## **Nilanjan Nandi**

Date **May 11, 2023**

Length **20 total hours**



May 11, 2023

**NILANJAN NANDI**

has successfully completed

**Data Analysis with R Programming**

an online non-credit course authorized by Google and offered through Coursera

A handwritten signature in black ink, reading "Amanda Ripley", is positioned above a horizontal line.

Amanda Ripley  
Global Director of Google Career Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/79XTC6E3K6G>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-f085832f-3789-4579-88e3-62d76639dbd5

Certificate url: [ude.my/UC-f085832f-3789-4579-88e3-62d76639dbd5](https://ude.my/UC-f085832f-3789-4579-88e3-62d76639dbd5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3 Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Nilanjan Nandi

Date **May 11, 2023**

Length **13 total hours**



Certificate no: UC-c1930777-0864-4c3a-baeb-82581a79027d  
Certificate url: [ude.my/UC-c1930777-0864-4c3a-baeb-82581a79027d](https://udemy.com/UC-c1930777-0864-4c3a-baeb-82581a79027d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Nilanjan Nandi**

Date **May 11, 2023**

Length **11 total hours**



Certificate no: UC-a908e213-f7d3-4c39-a4b5-7050ee5583d4  
Certificate url: <https://www.udemy.com/certificate/UC-a908e213-f7d3-4c39-a4b5-7050ee5583d4>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Desarrollando Sistema MiniMarket (C# y Microsoft SQL Server)

Instructors: **Victor Ramos**

**Kalyani Bhandari**

Date: **Feb. 22, 2023**

Length: **41.5 total hours**





Certificate no: UC-5a2295b-uc74-a011-9d30-42b364472  
Certificate url: [www.udemy.com/certificate/UC-5a2295b-uc74-a011-9d30-42b364472](https://www.udemy.com/certificate/UC-5a2295b-uc74-a011-9d30-42b364472)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter Advanced - Clean Architecture With MVVM in Arabic

Instructors: **Mina Farid**

**Kalyani Bhandari**

Date: **Feb. 26, 2023**

Length: **22 total hours**



Certificate no: UC-829e6d-0a5-415c-8756-776a2c2a884e  
Certificate url: [udemy.com/certificate/UC-829e6d-0a5-415c-8756-776a2c2a884e](https://udemy.com/certificate/UC-829e6d-0a5-415c-8756-776a2c2a884e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Clean Architecture In Flutter 3 (Arabic)

Instructors **Ismail Elmogy**

**Kalyani Bhandari**

Date: **Feb. 26, 2023**

Length: **8 total hours**



Certificate No: UC-88298795-d283-4177-8469-148x02d0972x  
Certificate URL: [www.udemy.com/certificate/UC-88298795-d283-4177-8469-148x02d0972x](https://www.udemy.com/certificate/UC-88298795-d283-4177-8469-148x02d0972x)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors: **EdYoda Digital University, Ashish Pandey**

**Kalyani Bhandari**

Date: **May 9, 2023**

Length: **11 total hours**



**4TU** Centre for Ethics  
and Technology.

May 11, 2023

**Nabajit Das**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Acting Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2EUAYGL78EM2>

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 8, 2009

**Nabajit Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/AB8H0SPAF9TH>

Coursera has confirmed the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 26, 2023

**Nabajit Das**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WT4NGUJABV>

Coursera has confirmed the identity of this individual and their participation in the course.

# UC SANTA CRUZ

Dec 25, 2023

**Nabajit Das**

has successfully completed

**Bayesian Statistics: Techniques and Models**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Matthew Heiner  
Graduate Student Instructor, STAT200/STAT200A  
Statistics

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/VEFCG3V8HPIT>

Coursera has confirmed the identity of this individual and their  
participation in the course.



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

May 4, 2024

**Nabajit Das**

has successfully completed

**Introduction to Cyber Attacks**

an online non-credit course authorized by New York University and offered through  
Coursera



*Edward C. Amos*

Dr. Edward C. Amos  
Senior Lecturer, NYU and CEO, TSO Cyber LLC  
Computer Science

Verify at:  
<https://coursera.org/verify/UCVFAOZr4BR3>

Coursera has confirmed the identity of this individual and their participation in the course.

# Yale

May 3, 2023

**Nabajit Das**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/AF031151024](https://coursera.org/verify/AF031151024)

Coursera has certified the identity of this individual and their achievement in the course.

This participant has successfully completed the Science of Well-Being with honor, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



Certificate no: UC-9043160a-1d37-47e4-a26a-e7f8ae6f5662

Certificate url: [ude.my/UC-9043160a-1d37-47e4-a26a-e7f8ae6f5662](https://udemy.com/UC-9043160a-1d37-47e4-a26a-e7f8ae6f5662)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 50 Days of DSA PYTHON Data Structures & Algorithms LEETCODE

Instructors **Jackson Kailath**

**Pikai Mondal**

Date **May 9, 2024**

Length **48 total hours**





**UC** | Chile

May 8, 2024

**Pikai Mondal**

has successfully completed

**English for Common Interactions in the  
Workplace: Basic Level**

an online non-credit course authorized by Pontificia Universidad Católica de Chile and  
offered through Coursera

James Gilman  
Building Director and Coordinating Center Director

Paula Alejandra Vera Arce  
Deputy Academic Director of Academic Programs  
Head of Program

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7HBMUS73L9>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 9, 2024

**Pikai Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh PhD  
McCombs School of Business  
Cotton School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/248091CBG152E>

Coursera has certified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

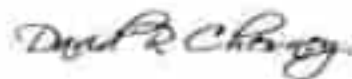
May 9, 2014

Pikai Mondal

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Lathrop Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/083at0wv24880>

Coursera has verified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 11, 2024

Pikai Mondal

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Misra, Duncan Pritchard, Yaelin Leraida, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/UVESAPL626E>

Coursera has confirmed the identity of this individual and their  
participation in the course.



**4TU** Centre for Ethics  
and Technology.

May 12, 2023

**Ayushman Pal**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BVTE451725V8>

Coursera has confirmed the identity of this individual and their  
participation in the course.





# Georgia Institute of Technology

May 13, 2023

**Ayushman Pal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/1x6W96N1SPW>

Coursera has confirmed the identity of this individual and their participation in the course.



May 13, 2023

**Ayushman Pal**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line with four handwritten signatures in black ink above it.

Scott H. Riefman, Devin J. Srinivasan, Andrew D. Wilson, Robert Duvall

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/885E9224830C>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-dec3b162-9beb-4b3f-8af3-8e626d8a45fc

Certificate url: [ude.my/UC-dec3b162-9beb-4b3f-8af3-8e626d8a45fc](https://ude.my/UC-dec3b162-9beb-4b3f-8af3-8e626d8a45fc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Subham Nath

Date **May 27, 2023**

Length **26 total hours**



Certificate no: UC-a3f9df7e-cb8e-46c0-9967-75ff233ea51f

Certificate url: [ude.my/UC-a3f9df7e-cb8e-46c0-9967-75ff233ea51f](https://ude.my/UC-a3f9df7e-cb8e-46c0-9967-75ff233ea51f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Python Bootcamp | Learn Python Programming Masterclass

Instructors **Faisal Zamir, Jafri Code**

## **Subham Nath**

Date **May 26, 2023**

Length **32 total hours**





Certificate no: UC-6c39f6b7-58df-4673-8caa-d43fb73724e4

Certificate url: [ude.my/UC-6c39f6b7-58df-4673-8caa-d43fb73724e4](https://www.udemy.com/certificate/UC-6c39f6b7-58df-4673-8caa-d43fb73724e4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Subham Nath

Date **May 27, 2023**

Length **8 total hours**





Certificate no UC-028625-702-4168-5541-6474766ee2f  
Certificate url udemy/cd-028625-702-4168-5541-6474766ee2f  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Analyst Skill path in Hindi - हिंदी में Data analytics

Instructors: **Start-Tech Trainings**

**Sarnab Malik**

Date: **Feb. 24, 2023**

Length: **15.5 total hours**



Certificate ID: UC-835e8890-v80e-443e-9c58-3a022d4705af  
Certificate URL: <https://www.udemy.com/certificate/UC-835e8890-v80e-443e-9c58-3a022d4705af>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter Advanced - Clean Architecture With MVVM in Arabic

Instructors: **Mina Farid**

**Sarnab Malik**

Date: **Feb. 26, 2023**

Length: **22 total hours**



Certificate no: UC-b6c58471-395e-4251-91ee-f7382256f2e6  
Certificate url: <https://www.udacity.com/certificate/UC-b6c58471-395e-4251-91ee-f7382256f2e6>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sistema de asistencias en C# y SQLserver desde 0

Instructors: **Codigo 369, Academia Apps**

**Sarnab Malik**

Date: **Feb. 22, 2023**

Length: **12.5 total hours**



Certificate ID: UC-03a02b4d-9385-4c73-8305-a2b0b4e7a3a0  
Certificate URL: <https://www.udemy.com/certificate/UC-03a02b4d-9385-4c73-8305-a2b0b4e7a3a0/>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Desarrollando Sistema MiniMarket (C# y Microsoft SQL Server)

Instructors: **Victor Ramos**

**Sarnab Malik**

Date: **Feb. 22, 2023**

Length: **41.5 total hours**



Certificate ID: UC-2023-03-20-444-222-11111111111111  
Completion on: 2023-03-20 12:00:00 UTC  
Issued on: 2023-03-20 12:00:00 UTC

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors: **Robert (Bob) Steele**

**Arijit Roy**

Date: **March 20, 2023**

Length: **44 total hours**





Certificate no. UC-123456789-1234-5678-9012-345678901234  
Certificate of completion for the course: UC-123456789-1234-5678-9012-345678901234  
Issued on: 05/05/2023

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructor: **Ing. Tomas Moravec, SEO, Facebook Ads & Digital Marketing Academy**

**Arijit Roy**

Date: **May 5, 2023**

Length: **34 total hours**



Udemy Inc. 2200 Bay Street, Suite 100  
San Francisco, CA 94134, USA  
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CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructor: **Dr. Swati Chakrabarty**

**Subhadip pal**

Date: **May 12, 2024**

Length: **8 total hours**







Certificate no: UC-8995162c-61cd-4add-9a1b-dfeba8c4d394

Certificate url: [ude.my/UC-8995162c-61cd-4add-9a1b-dfeba8c4d394](https://udemy.com/certificate/UC-8995162c-61cd-4add-9a1b-dfeba8c4d394)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens, Beck Robertson**

## Hiranmoy pal

Date **May 25, 2022**

Length **71 total hours**





Certificate no: UC-8122e943-e324-484a-a140-f1a10b78b3dc  
Certificate url: [ude.my/UC-8122e943-e324-484a-a140-f1a10b78b3dc](https://ude.my/UC-8122e943-e324-484a-a140-f1a10b78b3dc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance #3 Forecasting & Budgeting

Instructors **Robert (Bob) Steele**

**Hiranmoy pal**

Date **May 25, 2022**

Length **8.5 total hours**



Certificate no: UC-bbeea406-08de-4183-9dea-64e8f3a0fca3

Certificate url: [ude.my/UC-bbeea406-08de-4183-9dea-64e8f3a0fca3](https://ude.my/UC-bbeea406-08de-4183-9dea-64e8f3a0fca3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **YouTube Masterclass Training - 2019 in Hindi/Urdu - Sarfaraz**

Instructors **Sarfaraz abro**

## **Hiranmoy pal**

Date **June 14, 2022**

Length **16 total hours**



Certificate no: UC-a2990bdf-a9fd-4104-9138-032b6158b77c

Certificate url: [ude.my/UC-a2990bdf-a9fd-4104-9138-032b6158b77c](https://ude.my/UC-a2990bdf-a9fd-4104-9138-032b6158b77c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

**Hiranmoy pal**

Date **Feb. 15, 2023**

Length **71.5 total hours**

**UCI** Division of  
Continuing Education

May 14, 2013

**Sunanda Nandi**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Dawn Street  
Executive Coach

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/CERTIFICATE>

Coursera has confirmed the listing of this individual and their  
participation in this course.



THE UNIVERSITY  
of EDINBURGH

May 20, 2023

**Sunanda Nandi**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera

*Prof. Sunanda Nandi*  
*Department of Philosophy*

Prof. Sunanda Nandi is the author of the course. She is a Professor in the Department of Philosophy, University of Edinburgh.

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UNIVERSITYOFEDINBURGH>

Coursera has confirmed the identity of this individual and they  
participated in the course.





AMERICAN MUSEUM  
OF NATURAL HISTORY



COURSE  
CERTIFICATE

May 16, 2013

**Sunanda Nandi**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online noncredit course co-sourced by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera.



Andrew Townsend-Solomon  
Executive Director for BioInteractive and Conservation  
American Museum of Natural History

Verify at:  
<https://courses.coursera.org/AMNH1313>

Coursera has certified the identity of this individual and their  
participation in the course.



May 10, 2024

**Sunanda Nandi**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by the University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles Severack  
Orinot Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/00118871001828>

Coursera has confirmed the identity of this individual and their  
participation in the course.

**UCI** Division of  
Continuing Education

**COURSE  
CERTIFICATE**

May 16, 2023

**Sunanda Nandi**

has successfully completed

**Grammar and Punctuation**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Nancy Chapman  
Director of Programs  
Division of Continuing Education

Verify at:  
<https://coursera.org/verify/courses/UCI/UCI>

Coursera has validated the identity of the individual and their participation in the course



Nov 24, 2022

**Sushil Pal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/9HWW5B0H4TT7>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2012

**Sushil Pal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/28V64C2J2HAR](https://coursera.org/verify/28V64C2J2HAR)

Coursera has certified the identity of this individual and their participation in the course.



May 16, 2022

**SUSHIL PAL**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cady, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Pappas, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:  
<https://coursera.org/verify/CEASUTMS2VC>

Coursera has verified the identity of this individual and their  
participation in the course.



Feb 25, 2023

**Sushil Pal**

has successfully completed

**Machine Learning with Python**

an online non-credit course authorized by IBM Skills Network and offered through Coursera

Javel A. G. Bastarache  
Senior Scientist  
IBM

Javel A. G. Bastarache  
Senior Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ES361-F004319>

Coursera has certified the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

Jan 12, 2022

**SUSHIL PAL**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/WV5OK226TMA3>

Coursera has confirmed the identity of this individual and their  
participation in the course.



March 2023

**Sushil Pal**

has successfully completed

**Linux for Developers**

an online non-credit course authorized by The Linux Foundation and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Jody Cooperman', written over a horizontal line.

Jody Cooperman  
Director of Training  
Training & Certification

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UPC739TU0v16>

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 12, 2023

**Sushil Pal**

has successfully completed

**Python and Statistics for Financial Analysis**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Yimin Yip', written over a horizontal line.

Yimin Yip  
Assistant Professor  
Department of Information Systems, Business Statistics and Operations Management

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/cv/ST017M9482>

Coursera has certified the identity of this individual and their participation in the course.





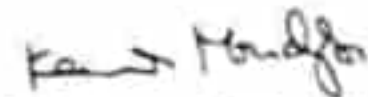
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SUSHIL PAL** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgalya  
IIT Bombay



DARDEN SCHOOL  
of BUSINESS

Apr 22, 2022

**Biman Patra**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Executive Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/TOX8RTF8280G>

Coursera has verified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Mar 30, 2021

**Biman Patra**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3791UH3590DA>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

15-Nov-2021

**Biman Patra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7T4CL58Yj66k](https://coursera.org/verify/7T4CL58Yj66k)

Coursera has certified the identity of this individual and their participation in the course.

May 11, 2022

**Biman Patra**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Management, and Policy

Verify at:

<https://coursera.org/verify/5Y7P4TL8y2V8>

Coursera has certified the identity of this individual and their  
participation in the course.



**coursera**  
project  
network

April, 2023

**Biman Patra**

has successfully completed

**Overview of Data Visualization**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Judy Richardson*

Judy Richardson  
Subject Matter Expert  
Florida Learning Group

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/verify/VFCNMMD07EN6>

Coursera has confirmed the identity of this individual and their participation in the project.

**coursera**  
project  
network

Feb 26, 2023

**Biman Patra**

has successfully completed

**Profit Analysis using Economic Value Added**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Subscribed On/Off/ACU  
Statistical Analysis

PROJECT  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/4VYVWDE48v7Jl>

Coursera has confirmed the identity of this individual and their participation in the project.



## COURSE CERTIFICATE

Oct 12, 2022

**Biman Patra**

has successfully completed

**HTML, CSS, and Javascript for Web Developers**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Yakov Chudin  
Adjunct Professor, Graduate Computer Science  
Whiting School of Engineering  
Johns Hopkins University

Verify at:  
[coursera.org/verify/C5TCTDQ8VXE](https://coursera.org/verify/C5TCTDQ8VXE)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and PhD (word) or  
right or title (noun) at JHU or in any course offered by JHU, or entitle this learner to access or use resources beyond the online courses provided by Coursera.

# UC SANTA CRUZ

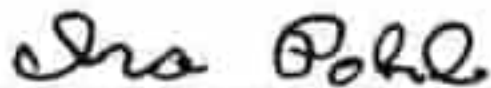
Mar 9, 2023

**Biman Patra**

has successfully completed

**C for Everyone: Programming Fundamentals**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Professor De Pohl, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/RH62L6AWPATS>

Coursera has confirmed the identity of this individual and their  
participation in the course.

**coursera**  
project  
network

Mar 9, 2023

**Biman Patra**

has successfully completed

**Working with BigQuery**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Sachinendra Nigam Dhanraj  
Business Manager Support  
Coursera Project Network

PROJECT  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ATRN2VW38V82>

Coursera has confirmed the identity of this individual and their participation in the project.



**coursera**  
project  
network

Feb 24, 2023

**Biman Patra**

has successfully completed

**Introduction to Basic Game Development using  
Scratch**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Stacey Shanklin-Langford*

Stacey Shanklin-Langford  
Subject Matter Expert  
Florida Learning Group

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/verify/2G6kx8EE45x7>

Coursera has confirmed the identity of this individual and their participation in the project.

**coursera**  
project  
network

Feb 24, 2023

**Biman Patra**

has successfully completed

**Introduction to Data Analysis using Microsoft  
Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

***Paula Del Rey***

Paula Del Rey  
Subject Matter Expert  
Florida Learning Group

PROJECT  
CERTIFICATE



Verify at:

<https://coursera.org/verify/CJUSP3H8RY8G>

Coursera has confirmed the identity of this individual and their participation in the project.



# Georgia Institute of Technology

May 2, 2022

**Arkaprabha Chakraborty**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/B4PV3CSHCEW>

Coursera has certified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 21, 2021

**Arkaprabha Chakraborty**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/WSLHGBAM0H4H>

Coursera has certified the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13650046

To  
ARKAPRABHA CHAKRABORTY  
85 R.B AVENUE BY LANE  
PO & PS BHADRESWAR  
BHADRESWAR  
WEST BENGAL - 712124  
PH. NO: 919874755795



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ARKAPRABHA CHAKRABORTY**

for successfully completing the course

**The Joy of Computing using Python**



with a consolidated score of **83** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	33/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022

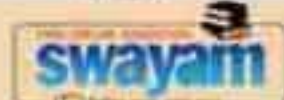
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







May 7, 2023

**Arkaprabha Chakraborty**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew G. Wilson".

Andrew G. Wilson | Deborah M. Lipp | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/HY5RGMYT78R>

Coursera has verified the identity of this individual and their participation in the course.



May 8, 2007

**Arkaprabha Chakraborty**

has successfully completed

**Foundations: Data, Data, Everywhere**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/62NWGMSP12IK>

Coursera has confirmed the identity of this individual and their participation in the course.

# INFOSEC

May 8, 2007

**Arkaprabha Chakraborty**

has successfully completed

**Introduction to Cybersecurity Foundations**

an online non-credit course authorized by Infosec and offered through Coursera

*Keaton Evans*

Keaton Evans  
Syllabus Instructor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/A7GPMNEK89>

Coursera has certified the identity of this individual and their participation in the course.



May 4, 2007

**Arkaprabha Chakraborty**

has successfully completed

**Ask Questions to Make Data-Driven Decisions**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/58a19WU5x87D7C>

Coursera has certified the identity of this individual and their participation in the course.



May 6, 2007

**Arkaprabha Chakraborty**

has successfully completed with honors

**Programming Foundations with JavaScript, HTML  
and CSS**

an online non-credit course authorized by Duke University and offered through Coursera

Susan H. Rudge, Professor of the Practice, Computer Science  
William David, Associate Professor, Computer Science  
Owen Astrachan, Professor of the Practice, Computer Science  
Andrew D. Hillman, Assistant Professor of the Practice, Electrical and Computer Engineering

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/F872VIG3920C>

Coursera has confirmed the identity of this individual and their participation in the course.





Feb 25, 2023

**Arkaprabha Chakraborty**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:

<https://coursera.org/verify/MJ476P1E1DTW>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 26, 2023

**Arkaprabha Chakraborty**

has successfully completed

**Introduction to Data Engineering**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Ran Abhishek  
Global Program Director  
Skills Network

Priya Kapoor  
Senior Instructional Designer & Content Developer  
IBM-cp Technologies

Verify at:  
<https://coursera.org/verify/20MttG2UVE0W>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: 20230522-10:30:00-10:30:00-10:30:00  
Certificate ID: 20230522-10:30:00-10:30:00-10:30:00  
Valid until: 2023

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors: Md. A. Bark

**Ayonendra Karmakar**

Date: May 22, 2023

Length: 11.5 total hours



Certificate no: 00456789-1234-5678-9012-345678901234  
Certificate ID: 00456789-1234-5678-9012-345678901234  
Approved on: 18/05/2023

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructor: YouAccel Training

**Ayonendra Karmakar**

Date: May 18, 2023

Length: 11 total hours



Certificate ID: UC924911a-028e-4990-8028-8a22a680161a  
Certificate number: UC924911a-028e-4990-8028-8a22a680161a  
Issued on: 2023-05-26

CERTIFICATE OF COMPLETION

# Looker Studio /Google Data Studio Complete Advanced Tutorial

Instructors: Prince Patel

**Ayonendra Karmakar**

Date: May 26, 2023

Length: 11 total hours





By name

**Ayonendra Karmakar**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course provided by **Coursera** and the University of Michigan

Course ID:

A handwritten signature in black ink, appearing to read 'C. L. ...', followed by a horizontal line.

Dean of the  
School of Engineering and Applied Sciences  
University of Michigan

COURSE  
CERTIFICATE



UNIVERSITY OF MICHIGAN  
SCHOOL OF ENGINEERING AND APPLIED SCIENCES  
100 ENGINEERING CENTER DRIVE  
ANN ARBOR, MI 48106-1329  
TEL: 734 763 1329  
WWW.COURSERA.ORG



Certificate awarded to Ayonendra Karmakar  
for completing the course Recursion and Backtracking  
Algorithms in Java  
Awarded on 22/05/2023

CERTIFICATE OF COMPLETION

# Recursion and Backtracking Algorithms in Java

Instructor: Md. A. Bark

**Ayonendra Karmakar**

Date: May 22, 2023

Length: 7.5 total hours



# RICE UNIVERSITY

COURSE  
CERTIFICATE

April 19, 2023

**ARITRA ROUTH**

has successfully completed

**Interpersonal Communication for Engineering  
Leaders**

an online non-credit course authorized by Rice University and offered through Coursera.



Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/FR5E8NS2307x>

Coursera has confirmed the identity of the individual and their participation in the course.



May 7, 2023

**ARITRA ROUTH**

has successfully completed

**Cloud Computing Foundations**

an online non-credit course authorized by Duke University and offered through Coursera.

*Noah Giff*

Noah Giff  
Executive in Residence  
Duke University 11103

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7X05TGO467EB>

Coursera has confirmed the identity of this individual and their participation in the course.

# INFOSEC

May 8, 2007

ARITRA ROUTH

has successfully completed

Introduction to Cybersecurity Foundations

an online non-credit course authorized by Infosec and offered through Coursera

*Keaton Evans*

Keaton Evans  
Digital Forensics

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/IVAR7329VHL>

Coursera has confirmed the identity of this individual and their participation in the course.





April 14, 2023

**ARITRA ROUTH**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:

<https://coursera.org/verify/ISG282062751E>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 8, 2023

**ARITRA ROUTH**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/S29866PWKMBE>

Coursera has verified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 21, 2021

ARITRA ROUTH

has successfully completed

Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/E3VCECw687M>

Coursera has verified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April 16, 2023

**ARITRA ROUTH**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WIA059847169>

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

April, 2023

**ARITRA ROUTH**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yulia Lomda, Matthew Crumey, Allan Hahler, Michael Sussman, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/C4896165985>

Coursera has verified the identity of this individual and their  
participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650043

To  
ARITRA ROUTH  
130, SHIB NARAYAN ROAD,  
P.O. & P.S. - UTTARPARA, DIST. HOOGLY  
UTTARPARA  
WEST BENGAL - 712258  
PH. NO :8289483945



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ARITRA ROUTH**

for successfully completing the course

**The Joy of Computing using Python**



with a consolidated score of **75** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	24.5/50
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Total number of candidates certified in this course: 7438

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

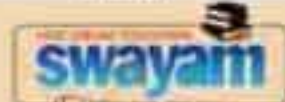
Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

Apr 17, 2023

ARITRA ROUTH

has successfully completed

Code Yourself! An Introduction to Programming

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Amit Maitra  
School of Informatics  
The University of Edinburgh

Dr. Luis Sando  
Engineering School  
Universidad ORT Uruguay

Verify at:  
<https://coursera.org/verify/WF0P97L64V85>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate no: UC-8315f801-e65c-4c6f-b785-e19bf53c8ce0  
Certificate url: [ude.my/UC-8315f801-e65c-4c6f-b785-e19bf53c8ce0](https://ude.my/UC-8315f801-e65c-4c6f-b785-e19bf53c8ce0)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategy Bundle: 7 practical courses in 1!

Instructors **Anton Voroniuk**

## Srijita Patra

Date **June 6, 2022**

Length **12.5 total hours**



Certificate no: UC-729d19b6-71b2-43c2-ae78-2c0b347f1dc8

Certificate url: [ude.my/UC-729d19b6-71b2-43c2-ae78-2c0b347f1dc8](https://ude.my/UC-729d19b6-71b2-43c2-ae78-2c0b347f1dc8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors **Learn Tech Plus**

## Srijita Patra

Date **June 6, 2022**

Length **15 total hours**





Certificate no: UC-0f49b9e1-f0da-420c-b4e6-6794218a900b  
Certificate url: [ude.my/UC-0f49b9e1-f0da-420c-b4e6-6794218a900b](https://ude.my/UC-0f49b9e1-f0da-420c-b4e6-6794218a900b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop 2022 Ultimate Guide

Instructors **Learn Tech Plus**

## Srijita Patra

Date **June 6, 2022**

Length **22 total hours**





## Certificate of Achievement

# SRIJITA PATRA

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit [futurelearn.com/portfolio/learning/certificate-of-achievement](https://futurelearn.com/portfolio/learning/certificate-of-achievement)

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

## SRIJITA PATRA

has completed the following course:

### **AGRICULTURE, ECONOMICS AND NATURE** **THE UNIVERSITY OF WESTERN AUSTRALIA**

**99%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

#### **STUDY REQUIREMENT**

6 weeks, 4 hours per week

#### **SYLLABUS**

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



## Certificate of Achievement

# SRIJITA PATRA

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Manoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## SRIJITA PATRA

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks



Certificate no: UC-85f87d90-178a-466f-9a18-3064c67dbb28  
Certificate url: [udemy.com/certificate/UC-85f87d90-178a-466f-9a18-3064c67dbb28](https://udemy.com/certificate/UC-85f87d90-178a-466f-9a18-3064c67dbb28)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# LET'S SPEAK ENGLISH

## İngilizce Geliştirme Kursu

Instructors **B. Orhan Doğan - Bora Yayıncılık**

**Srijita Patra**

Date **Feb. 10, 2023**

Length **41.5 total hours**





Certificate no: UC-ab414331-9934-4e99-adee-5e427473ac15

Certificate url: [ude.my/UC-ab414331-9934-4e99-adee-5e427473ac15](https://ude.my/UC-ab414331-9934-4e99-adee-5e427473ac15)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate IT Networking Fundamentals Mastery Course

Instructors **Mohammed Asif Khan**

**Srijita Patra**

Date **May 7, 2024**

Length **8.5 total hours**



Certificate no: UC-b700b33b-6617-4e57-bbc6-a2038ecadb92  
Certificate url: [ude.my/UC-b700b33b-6617-4e57-bbc6-a2038ecadb92](https://ude.my/UC-b700b33b-6617-4e57-bbc6-a2038ecadb92)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS EC2 : AWS Certified Solutions Architect - Associate**

Instructors **Mohammed Asif Khan**

## **Srijita Patra**

Date **May 7, 2024**

Length **9 total hours**



Certificate no: UC-7fb193f4-e6b9-45a6-91c2-a75d71e16b4c  
Certificate url: [ude.my/UC-7fb193f4-e6b9-45a6-91c2-a75d71e16b4c](https://ude.my/UC-7fb193f4-e6b9-45a6-91c2-a75d71e16b4c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# VMware vSphere Mastery: Build and Manage Virtualized Infra

Instructors **Mohammed Asif Khan**

**Srijita Patra**

Date **May 7, 2024**

Length **15.5 total hours**





Certificate no: UC-963e9c50-84d8-4f9e-9f86-5a1ef5ffdadb  
Certificate url: [ude.my/UC-963e9c50-84d8-4f9e-9f86-5a1ef5ffdadb](https://ude.my/UC-963e9c50-84d8-4f9e-9f86-5a1ef5ffdadb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build from Scratch a Modern REST API with PHP 8

Instructors **Pierre-Henry Soria**

**Srijita Patra**

Date **May 8, 2024**

Length **17.5 total hours**

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**OTP-AWS07: AWS: Getting Started with Cloud  
Security**

a course of study offered by AWS, an online learning  
initiative of AWS.

Mervin Lowmyer  
Director, Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued May 4, 2023

Valid Certificate ID  
b2501a82757cd453b92b4e956528c132



**I ILLINOIS**

Oct 23, 2022

**ANIRBAN BASULI**

has successfully completed

**Text Retrieval and Search Engines**

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



Changchang Diao  
Professor and William Faculty Scholar  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/00743PH0R032](https://coursera.org/verify/00743PH0R032)

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

## **DDA691x: Product Design: The Delft Design Approach**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology.

A handwritten signature in black ink, appearing to read "Anzeemleek van Buijten".

Dr. Ir. Anzeemleek van Buijten  
Assistant Professor, Industrial Design - Design Aesthetics  
Faculty of Industrial Design Engineering  
Delft University of Technology



Verified Certificate  
Issued: April 11, 2022

Valid Certificate ID

6195c094bac449bf03e7e5356a30e8cc

# Verified Certificate

The DelftX logo consists of the word "DelftX" in white, sans-serif font, centered within a solid blue rectangular background.

This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

## **PDCE01x: Engineering Design for a Circular Economy**

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology.

A handwritten signature in black ink, appearing to read "David Peck".

David Peck  
Senior Research Fellow  
Faculty of Architecture and the Built Environment  
Delft University of Technology



**Verified Certificate**  
Issued: April 11, 2022

**Valid Certificate ID**  
dc9e1053a1f943928d35baba319753af

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**CTB3365DWx: Drinking Water Treatment**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology.

Loek Blijveld  
Professor in Urban Water Cycle Technology  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology

Doris van Halbe  
Assistant Professor in Drinking Water  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



**Verified Certificate**  
Issued April 11, 2022

**Valid Certificate ID**  
f88c885a2fca54929b0d812ac4d336c0420

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.

Shiv Arshya

AI and Data Science Program Director

IBM

Lakshar Laljee

Senior Developer Advocate

IBM



**Verified Certificate**

Issued February 1, 2022

**Valid Certificate ID**

718f0a92d1346324b88a82f900f0a6a2



**Verified**  
Certificate

HarvardX

*Richard Emore*

Richard Emore

Gregory R. Anrig Research Professor of Educational Leadership

*Harvard University*

This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



**Verified Certificate**  
Issued January 17, 2021

**Valid Certificate ID**  
[50420440715142618e483a7cf69622c2](https://edcourses.edx.org/certificates/50420440715142618e483a7cf69622c2)

# Verified Certificate



Anirban Basuli

AI and Data Science Program Director



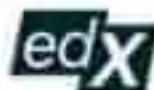
This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued April 13, 2021

Valid Certificate ID  
[14b54887f3e44041a9b168a9b2913863](https://edcourses.edx.org/certificates/4b54887f3e44041a9b168a9b2913863)

# Verified Certificate



Anirban Basuli  
Ph.D., Data Scientist



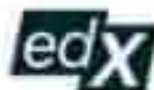
This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



**Verified Certificate**  
Issued January 23, 2021

**Valid Certificate ID**  
[1e2f1e200dc64e0c81682e07a220075e](https://resources.edx.org/certificates/1e2f1e200dc64e0c81682e07a220075e)

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

## **CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning initiative of IBM.

  
Ray Akhigbe  
AI and Data Science Program Director  
IBM



**Verified Certificate**  
Issued February 3, 2021

**Valid Certificate ID**  
[0000225820e6b644eb793d4822777167079a](https://courses.edx.org/certificate/0000225820e6b644eb793d4822777167079a)

# Verified Certificate



This is to certify that

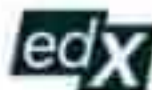
**Anirban Basuli**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

José Santacana  
Data Scientist



Verified Certificate  
Issued February 9, 2021

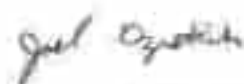
Valid Certificate ID  
[Tcbb8c78e280406cd936eeta336d14c0f](https://courses.edx.org/certificates/Tcbb8c78e280406cd936eeta336d14c0f)



# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

**W** UNIVERSITY *of* WASHINGTON



Jeff Ozretich

Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtoX, an online learning initiative of  
University of Washington.



VERIFIED CERTIFICATE  
Issued January 7, 2021

VALID CERTIFICATE ID  
[ba3e509e507543f68560a1f6c0742141](https://sources.edx.org/certificates/ba3e509e507543f68560a1f6c0742141)



# Georgia Institute of Technology

Dec 5, 2020

**ANIRBAN BASULI**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/825PTMNER28](https://coursera.org/verify/825PTMNER28)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Anirban Basuli**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read "Clyde Soper".

Clyde Soper  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued: May 4, 2023

Valid Certificate ID

[4aaf6b5a614e459a87466b3a4118b051](#)



भारतीय विमान DEPARTMENT OF SPACE  
 भारत सरकार GOVERNMENT OF INDIA  
 भारतीय अंतरिक्ष अनुसंधान संगठन ISROAN SPACE RESEARCH ORGANISATION  
 भारतीय दूर दूरी संवेदन संस्थान / INDIAN INSTITUTE OF REMOTE SENSING, BHUBANESHWAR



पत्रांक / Document No. : 20211141830800

## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



श्री गंगाधर

MR. GANGA ROY

को "अध्वन्य दूर संवेदन तकनीकों के भूवैज्ञानिक अनुप्रयोग"

में ऑनलाइन पाठ्यक्रम में भाग लेने का प्रमाण दिया जाता है।

एन ऑनलाइन पाठ्यक्रम का आयोजन 13 मार्च, 2023 से 24 मार्च, 2023 (कुल पाठ्यक्रम की अवधि = 15 घंटे) के दौरान किया गया।

(अधिक जानकारी के लिए कृपया भारतीय दूर दूरी संवेदन संस्थान से संपर्क करें।)

THIS CERTIFICATE IS

AWARDED TO

MR. GANGA ROY

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Advances in Remote Sensing Techniques for Geological Applications"

THIS ONLINE COURSE WAS CONDUCTED DURING 13-03-2023 to 24-03-2023 | Total course duration was = 15 hours |

(Conducted IIRS India Centre- Hooghly Engineering & Technology College)

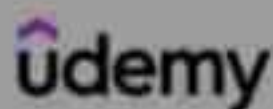
Date: 18-04-2023

Place: Dehradun

URL: <https://www.isro.gov.in> This Certificate can be verified using URL: <https://www.isro.gov.in>

संयोजक, विश्वविद्यालय/संस्था  
 Coordinator, University/Institution

निदेशक / Director  
 आई आई आर डी, देहरादून / IIRS, Dehradun



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CERTIFICATE OF COMPLETION

# Managerial Accounting / Cost Accounting

Instructor: Robert (Bob) Steele

**Ganga Roy**

Date: May 16, 2023

Length: 53.5 total hours





श्रीशक्ति विभाग DEPARTMENT OF SPACE  
 WITH THE GOVERNMENT OF INDIA  
 भारतीय अंतरिक्ष अनुसंधान संगठन INDIA'S SPACE RESEARCH ORGANISATION  
 भारतीय अंतरिक्ष संशोधन संस्थान / ISIRI INSTITUTE OF RESEARCH GENSM, DELHI/INDIA



संशोधन / Document No. : 20221001557075

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MS. GANGA ROY**

को " मशीन लर्निंग से डीप लर्निंग: एक यात्रा रीमोट सेंसिंग डेटा क्लासिफिकेशन "

के ऑनलाइन पाठ्यक्रम में भाग लेने का प्रमाण किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022। कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट। से दोहन किया गया।

(प्रमाणित यह यह का एक भाग है। इसी प्रमाणित यह प्रमाणित अधीन।)

**THIS CERTIFICATE IS**

**AWARDED TO**

**MS. GANGA ROY**

**ON HAVING PARTICIPATED IN THE ONLINE COURSE ON**

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

**THIS ONLINE COURSE WAS CONDUCTED DURING 04-07-2022 to 08-07-2022 ( Total course duration was = 13 hours and 30 minutes )**


(Certificate ISS Issued Centre: Muzaffar Engineering & Technology College)

Date: 20-07-2022

Place: Dehradun

100 | [info@universityofdelhi.ac.in](mailto:info@universityofdelhi.ac.in) | [www.universityofdelhi.ac.in](http://www.universityofdelhi.ac.in) | This Certificate can be verified using QR Code: <https://www.universityofdelhi.ac.in>

  
 प्राध्यापक, विश्वविद्यालय, देहरादून  
 Coordinator, University/Institution

  
 निदेशक / Director  
 आई आई आई एम, देहरादून / IIS Dehradun



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Udemy Inc. 2020.

CERTIFICATE OF COMPLETION

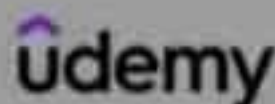
# QuickBooks Online 2022 & 2021 Start to Finish

Instructor: Robert (Bob) Steele

**Ganga Roy**

Date: Oct. 18, 2022

Length: 105.5 total hours



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Udemy, the Udemy logo, and the Udemy logo are trademarks of Udemy Inc. in the United States and other countries.

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructor: Hemant Kumar

**Ganga Roy**

Date: Feb, 13, 2023

Length: 11 total hours



Udemy is a leading provider of online courses and  
certificates. We are proud to offer this course.  
© 2022 Udemy, Inc.

CERTIFICATE OF COMPLETION

# Complete Accounting + Tallyprime + Tally ERP9 + GST (4 in 1)

Instructor: A.M.A.M Mubeen (Expert in Tally & Finance & Microsoft Office)

**Ganga Roy**

Date: Oct. 18, 2022

Length: 15 total hours



Certificate is not transferable to another course  
Certificate is not transferable to another course  
Release January 2014

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors: Robert (Bob) Steele

**Ganga Roy**

Date: May 13, 2022

Length: 25 total hours





Udemy is an online learning platform that offers a wide range of courses and programs. This certificate is awarded to students who have successfully completed the course.

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors: Learn Tech Plus

**Ganga Roy**

Date: May 13, 2022

Length: 15 total hours



Certificate of Completion with 400+ Hours of Instruction  
Certificate of Completion with 400+ Hours of Instruction  
Issued 11/15/2024

CERTIFICATE OF COMPLETION

# Financial Accounting: A Comprehensive Guide with E- book

Instructors: Robert (Bob) Steele

**Ganga Roy**

Date: Jan. 15, 2024

Length: 110 total hours



Certificate no: UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa

Certificate url: [ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa](https://ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Ritesh Jana**

Date **May 11, 2024**

Length **40 total hours**



Certificate no: UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c

Certificate url: [ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c](https://ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Video Creation, YouTube Marketing & ChatGPT Course

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Ritesh jana**

Date **May 11, 2024**

Length **19 total hours**



Certificate no: UC-048f0127-e21c-4d87-9c9a-5854d25c06bf

Certificate url: [ude.my/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf](https://udemy.com/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud Professional Cloud Architect: GCP Certification

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Ritesh Jana

Date **May 11, 2024**

Length **22.5 total hours**





Certificate no: UC-1f490f24-3a94-49fb-a43b-7747571b1419

Certificate url: [ude.my/UC-1f490f24-3a94-49fb-a43b-7747571b1419](https://ude.my/UC-1f490f24-3a94-49fb-a43b-7747571b1419)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Aparajita De

Date **May 9, 2024**

Length **8 total hours**

# CERTIFICATE OF COMPLETION

Aparajita De

---

has successfully completed the online course:  
**Python for Beginners**

This professional has demonstrated initiative and a  
commitment to deepening their skills and advancing  
their career. Well done!

07<sup>th</sup> May 2024

Certificate code : 5164232



Krishna Kumar  
CEO, Simplilearn





Certificate no: UC-6d8f1a87-1c44-43d3-88c9-89daf0490a5f

Certificate url: [ude.my/UC-6d8f1a87-1c44-43d3-88c9-89daf0490a5f](https://ude.my/UC-6d8f1a87-1c44-43d3-88c9-89daf0490a5f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced English Grammar - The Complete Guide

Instructors **Francis Carlisle: Last Minute English**

## Aparajita De

Date **May 7, 2024**

Length **11.5 total hours**



Certificate no: UC-12767833-5141-491d-a203-97c964d99ada  
Certificate url: [ude.my/UC-12767833-5141-491d-a203-97c964d99ada](https://ude.my/UC-12767833-5141-491d-a203-97c964d99ada)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced English Fluency - The Complete Guide

Instructors **Francis Carlisle: Last Minute English**

## Aparajita De

Date **May 7, 2024**

Length **13 total hours**





# ISB

Jun 26, 2021

## Tanusri Mondal

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajyogesh Raghunathan*

Regional Representative, IIM  
McCombs School of Business  
Indian School of Business

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/6ZAR6HB3NR3H](https://coursera.org/verify/6ZAR6HB3NR3H)  
Coursera has confirmed the identity of this individual and their  
participation in the course.





THE UNIVERSITY  
of EDINBURGH

Jun 24, 2021

**Tanusri Mondal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera

Devi Wood, Thomas Proctor, Rylie Laidin, Matthew Clemons, Allan Peckler, Michela Mondini, Anastas Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/MG5Q5WVZDGZW](https://coursera.org/verify/MG5Q5WVZDGZW)  
Coursera has confirmed the identity of this individual and their  
participation in the course.



Jan 4, 2021

**Tanusri Mondal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Instructor  
UT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/KUBAVBC9DEVK](https://coursera.org/verify/KUBAVBC9DEVK)  
Coursera has confirmed the identity of this individual and their participation in the course.

**Verified**  
Certificate



  
Jyoti Senanayake  
Data Scientist  
IBM

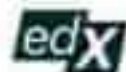
This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued July 22, 2021

Valid Certificate ID  
e32e885c202e4932e89c04e4c011a120e

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Louagat".

**Mounir Louagat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued January 24, 2023

Valid Certificate ID  
[6208ada798c5476c425c78890a594158](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Joel Swadlow

Deputy, International & English Language Programs  
University of Washington



Verified Certificate  
Issued January 18, 2021

Valid Certificate ID  
A402086C75470682093080149530ea



# Verified Certificate



A handwritten signature in black ink, appearing to read "Macromon Lunardon".

Macromon Lunardon  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued June 14, 2022

Valid Certificate ID  
[e28b6f2255c641ad9b4b709e59c527ba2](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Macromon Lunardon".

Macromon Lunardon  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued June 14, 2022

Valid Certificate ID  
[c3da1a1524d34641a27e2cd29e93443](https://courses.edx.org/certificates/c3da1a1524d34641a27e2cd29e93443)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Beepersad".

Clyde Beepersad  
SVP & General Manager, Training & Certification  
The Linux Foundation

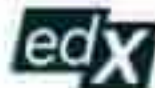
This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 15, 2022

Valid Certificate ID  
[32a0e5812246469dad1f08d3387b4b04](https://courses.edx.org/certificates/32a0e5812246469dad1f08d3387b4b04)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Seepersad".

Clyde Seepersad  
SVP & General Manager, Training & Certification  
The Linux Foundation

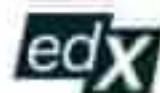
This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**LFS165x: Introduction to Open Source Networking  
Technologies**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 15, 2023

Valid Certificate ID  
[g32491dc87834a3ca7a72aac69823910](#)

# Verified Certificate



Rav Atuja

AI and Data Science Program Director

IBM

This is to certify that

**Tanusri Mondal**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.



Verified Certificate  
Issued May 15, 2023

Valid Certificate ID  
[2f1daf2d2f4c4d04bde69b5346268c5e](#)





Apr 4, 2023

**Subham Ghosh**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew G. Wilson".

Andrew G. Wilson | Deborah M. Lipp | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/2WR918Z9LE06>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

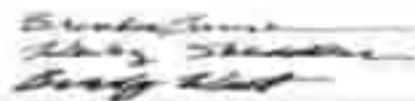
Mar 29, 2023

Subham Ghosh

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gooderson, Ph.D., Lecturer II

Yehyeh Shubles, Ph.D., Professor

Emily T. Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/BCU66G595F73E>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

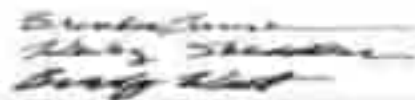
Mar 29, 2023

Subham Ghosh

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gambleton, Ph.D., Lecturer II

Verity Shubben, Ph.D., Professor

Emily T. Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/41731788116560>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

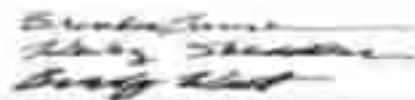
March, 2023

**Subham Ghosh**

has successfully completed

**Fitting Statistical Models to Data with Python**

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gambleton, Ph.D., Lecturer II

Yehy Shalhan, Ph.D., Professor

Andy Chen, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UJDEYVWODABE>

Coursera has confirmed the identity of this individual and their participation in the course.

**UCI** University of  
California, Irvine

Feb 9, 2023

**Subham Ghosh**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Sanjiv Kumar  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4GDM2754UkED>

Coursera has confirmed the identity of this individual and their  
participation in the course



# M UNIVERSITY OF MICHIGAN

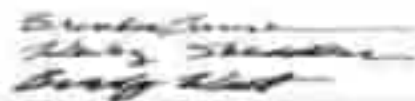
March, 2023

Sudipta Mondal

has successfully completed

Fitting Statistical Models to Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehya Shalaby, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/UM/S14XWLRVST>

Coursera has verified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

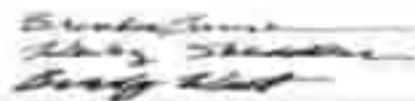
Mar 29, 2023

Sudipta Mondal

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehy Shalhan, Ph.D., Professor

Sandy Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/PS6W6GUM42TU>

Coursera has confirmed the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

Mar 22, 2023

Sudipta Mondal

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Three handwritten signatures in black ink, stacked vertically. The first signature is the most legible, appearing to read 'Sudipta Mondal'. The other two are less legible but appear to be 'Brenda Gonderman' and 'Andy Chen'.

Brenda Gonderman, Ph.D., Lecturer II

Andy Chen, Ph.D., Professor

Sudipta Mondal, Ph.D., Research Assistant Professor

Verify at:  
<https://coursera.org/verify/6k3VM040PxxU2>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Apr 4, 2023

**Sudipta Mondal**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew D. Wilson".

Andrew D. Wilson | Carolina M. Lipp | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/HTECW8YH87HD>

Coursera has certified the identity of this individual and their participation in the course.

**UCI** University of  
California, Irvine

Feb 9, 2023

**Sudipta Mondal**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Sanjiv Prasad  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/DECE2YANBUAE>

Coursera has confirmed the identity of this individual and their  
participation in the course.





Certificate no: UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa

Certificate url: [ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa](https://ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Ritesh Jana**

Date **May 11, 2024**

Length **40 total hours**



Certificate no: UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c

Certificate url: [ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c](https://ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Video Creation, YouTube Marketing & ChatGPT Course

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Ritesh jana**

Date **May 11, 2024**

Length **19 total hours**



Certificate no: UC-048f0127-e21c-4d87-9c9a-5854d25c06bf

Certificate url: [ude.my/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf](https://udemy.com/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud Professional Cloud Architect: GCP Certification

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Ritesh Jana

Date **May 11, 2024**

Length **22.5 total hours**







Jan 2, 2022

**Debdutta Manna**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles Amador  
Group Professor, School of Information  
Engineering and Statistics

**COURSE  
CERTIFICATE**



Verify ID:  
<https://coursera.org/verify/ID22201AN22M>

Coursera has verified the identity of this individual and their participation in the course.





Certificate no. UC-00000000-0000-0000-0000-000000000000  
Certificate url: udemy.com/UC-00000000-0000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors: Hemant kumar

**Debdutta Manna**

Date: May 2, 2023

Length: 11 total hours



Certificate No: UC-81E279ba-af43-4908-8794-7656474235  
Certificate URL: udemy.com/uc-81E279ba-af43-4908-8794-7656474235  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter & Firebase Chat App: Master Flutter and Firebase

Instructors: Hussain Mustafa

**Debdutta Manna**

Date: May 2, 2023

Length: 10.5 total hours



Certificate ID: UC-e502e0e-675-4/32 96d-729e1929  
Certificate URL: <https://www.udacity.com/certificate/UC-e502e0e-675-4/32 96d-729e1929>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Java Course: From Basics to Advanced

Instructors: Ahmed Elsakka

**Debdutta Manna**

Date: May 2, 2023

Length: 14.5 total hours



Certificate ID: UC-4246165-719-454-908-462aa71766  
Certificate of Udemy UC-4246165-719-454-908-462aa71766  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **Live Longer & Reclaim Your Youth Using New Longevity Tech!**

Instructors: **Will Perez**

**Debdutta Manna**

Date: **May 3, 2023**

Length: **16.5 total hours**



Edmentum, LLC (edmentum.com) 4025-4420-6000  
Certificate of Udemy, LLC (udemy.com) 4025-4420-6000  
Reference Number: 2004

CERTIFICATE OF COMPLETION

# Life extension

Instructors: **Chris Sivewright**

**Debdutta Manna**

Date: **May 3, 2023**

Length: **8 total hours**





Certificate ID: UC-97271ca-9ea7-86d7-4e73-4d7699462d0  
Certificate URL: <https://www.udacity.com/certificate/UC-97271ca-9ea7-86d7-4e73-4d7699462d0>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Level 1 - Japanese Candlesticks Trading Mastery Program

Instructors: Rohit Musale, CFA, Rashmi Musale

**Debdutta Manna**

Date: May 3, 2023

Length: 13 total hours



Certificate ID: UC-12V7T155-wy35-4535-w14-8w122443w  
Certificate URL: udacity/C42V7T155-wy35-4535-w14-8w122443w  
Release Number: 2024

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors: Ing. Tomas Mrazek, CEO, Facebook Ads & Digital Marketing Academy

**Debdutta Manna**

Date: Feb. 4, 2024

Length: 34 total hours



Certificate ID: UC-00000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/UC-00000000-0000-0000-0000-000000000000](#)  
Version Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Marketing

Instructors: MTF Institute of Management, Technology and Finance

**Debdutta Manna**

Date: March 30, 2024

Length: 9 total hours



Certificate no. UC-148147-1881-4-23-2024-487002000  
Certificate of Udemy UC-148147-1881-4-23-2024-487002000  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# Digital Nomad Lifestyle: Live Your Dream & Travel the World

Instructors: Ing. Tomas Maravek, Learn Digital Advertising, Thomas Talevera Karslake

**Debdutta Manna**

Date: April 23, 2024

Length: 9 total hours



Certificate no. UC-24020004-BUS-4072-3740-8866663370  
Certificate url: ud.ac.my/UC-24020004-BUS-4072-3740-8866663370  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master in Business Administration (MBA)

Instructors: Anam Singhal B-Tech, MBA (IIM-B), Unilever, JSJ, Damans, IIMU, Cello

**Debdutta Manna**

Date: April 30, 2024

Length: 9.5 total hours



## Statement of participation

# Sudipto Das

has completed the free course including any mandatory tests for:

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

**Issue date:** 13 May 2024

[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/education-development/education/Introducing-ethics-information-and-computer-sciences/section-4>

COURSE CODE: ETHICS\_1



# Certificate

We certify that **Sudipto Das**  
has completed the following courses on our platform:



English listening practice by English with Lucy

07 hours 27 minutes - From 14/05/2024 to 14/05/2024

Aditi Medeiros Claret  
Executive Director - CURSA

Sudipto Das  
Student Signature

U4307840

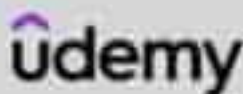
This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [CURSA.app/en/my-certificate](https://CURSA.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@CURSA.app](mailto:contato@CURSA.app)



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any other way.



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Udemy, Inc. 2023. All rights reserved. [Terms of Service](#)

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructor: Sara Academy

**Sudipto Das**

Date: May 12, 2024

Length: 16 total hours



Certificate no: UC-1b3a2fc0-4e19-458e-9aaf-2ef62322fcca

Certificate url: [ude.my/UC-1b3a2fc0-4e19-458e-9aaf-2ef62322fcca](https://ude.my/UC-1b3a2fc0-4e19-458e-9aaf-2ef62322fcca)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

## Ajay Mahato

Date **April 12, 2024**

Length **40 total hours**



Certificate no: UC-c0669cae-a5d6-4c5d-8d0d-02f306c7e934  
Certificate url: [ude.my/UC-c0669cae-a5d6-4c5d-8d0d-02f306c7e934](https://ude.my/UC-c0669cae-a5d6-4c5d-8d0d-02f306c7e934)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Ajay Mahato**

Date **May 15, 2024**

Length **18.5 total hours**



# UC SANTA CRUZ

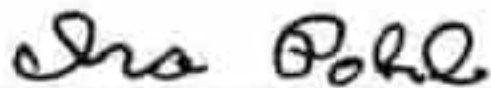
May 2, 2023

**AKASH VERMA**

has successfully completed

**C for Everyone: Programming Fundamentals**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Professor De Pohl, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/26CTX3r5V142>

Coursera has confirmed the identity of this individual and their  
participation in the course



# Georgia Institute of Technology

May 1, 2023

**AKASH VERMA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/SM7FUGJED79>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Apr 30, 2023

**AKASH VERMA**

has successfully completed

**English for Career Development**

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

**COURSE  
CERTIFICATE**



*Brian Mc Manus*

Brian Mc Manus  
Language Specialist  
English Language Programs  
University of Pennsylvania

*Kolyn Turner*

Kolyn Turner  
Senior Language Specialist  
English Language Programs

Verify at:  
[coursera.org/verify/08RAGGU6876](https://coursera.org/verify/08RAGGU6876)

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

# M UNIVERSITY OF MICHIGAN

May 4, 2023

**AKASH VERMA**

has successfully completed

**Data Science Ethics**

an online non-credit course authorized by University of Michigan and offered through Coursera



H. V. Verma  
Bernard A. Gilman Collegiate Professor  
Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/GPTEPSTF8xCS>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 4, 2023

**AKASH VERMA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

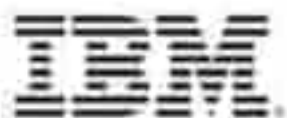
COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/82TCT74288C>

Coursera has certified the identity of this individual and their participation in the course.





May 2, 2023

**AKASH VERMA**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

Terry Puckett  
Project Manager  
IBM Security Learning Services

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/76L47H5XW4CFY>

Coursera has confirmed the identity of this individual and their participation in the course.



May 4, 2007

**AKASH VERMA**

has successfully completed

**Foundations: Data, Data, Everywhere**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/3DGY1CP44X>

Coursera has certified the identity of this individual and their participation in the course.

# Yale

May 20, 2023

**AKASH VERMA**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera

**COURSE  
CERTIFICATE**



A handwritten signature in black ink, appearing to read "Lewis Jamin".

Lewis Jamin  
Professor  
Psychology

Verify at:  
[coursera.org/verify/G3PMR6ITZCE](https://coursera.org/verify/G3PMR6ITZCE)

Coursera has confirmed the identity of this individual and their  
affiliation in the course.

This participant has successfully completed the Science of Well-Being with honor online non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
sponsoring body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



Certificate no: UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa

Certificate url: [ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa](https://ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Ritesh Jana**

Date **May 11, 2024**

Length **40 total hours**



Certificate no: UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c

Certificate url: [ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c](https://ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Video Creation, YouTube Marketing & ChatGPT Course

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Ritesh jana**

Date **May 11, 2024**

Length **19 total hours**





Certificate no: UC-048f0127-e21c-4d87-9c9a-5854d25c06bf

Certificate url: [ude.my/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf](https://udemy.com/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud Professional Cloud Architect: GCP Certification

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Ritesh Jana

Date **May 11, 2024**

Length **22.5 total hours**



Certificate no: UC-c2560f0b-3bd8-46b2-a432-6bf79c1394ba

Certificate url: [ude.my/UC-c2560f0b-3bd8-46b2-a432-6bf79c1394ba](https://ude.my/UC-c2560f0b-3bd8-46b2-a432-6bf79c1394ba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python para iniciantes: Aprenda em uma semana com projetos

Instructors **Pedro Leão**

## Subhadip Das

Date **May 16, 2024**

Length **8.5 total hours**



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November 2022

CERTIFICATE OF COMPLETION

# QuickBooks Online 2022 & 2021 Start to Finish

Instructors: **Robert (Bob) Steele**

**Foyjun de**

Date: **May 13, 2022**

Length: **155.5 total hours**

This certificate above verifies that **Foyjun de** successfully completed the course **QuickBooks Online 2022 & 2021 Start to Finish** 05/13/2022 as taught by **Robert (Bob) Steele** on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

**Certificate Recipient:**



**Foyjun de**



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Udacity Inc. 2012-2020. All rights reserved.  
Udacity.com/2012

CERTIFICATE OF COMPLETION

# Ultimate Front-End Bootcamp: CSS, Bootstrap, JQ, JS, React

Instructor: **Yousang Training**

**Foyjun de**

Date: Aug 16, 2023

Length: 17.3 total hours



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CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors: Robert (Bob) Steele

**Foyjun de**

Date: May 13, 2022  
Length: 21.5 total hours

This certificate above verifies that **Foyjun de** successfully completed the course **Financial Accounting & Excel-Comprehensive Accounting Course** on 05/13/2022 as taught by **Robert (Bob) Steele** on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

## Certificate Recipient:



**Foyjun de**



Udemy

CERTIFICATE OF COMPLETION

**Google Workspace (G Suite)  
Ultimate Course 2021**

Instructor: Learn Tech Plus

**Foyjun de**

Date: May 13, 2022  
Length: 48 total hours

This certificate above verifies that Foyjun de successfully completed the course Google Workspace (G Suite) Ultimate Course 2021 on 05/13/2022 as taught by Learn Tech Plus on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

**Certificate Recipient:**



Foyjun de



CERTIFICATE OF COMPLETION

# Corporate Finance

Instructor: Robert (Bob) Steele

**Foyjun de**

Date: May 13, 2022  
Length: 183.0 total hours

This certificate above verifies that **Foyjun de** successfully completed the course **Corporate Finance** on 05/13/2022 as taught by **Robert (Bob) Steele** on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

## Certificate Recipient:



**Foyjun de**





Certificate No: UC-8P722264-4130-4428-4684-420042740104  
Certificate will expire: UC-8P722264-4130-4428-4684-420042740104  
Reference Number: 8234

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors: **Hemanth kumar**

**Foyjun de**

Date: **Feb. 6, 2023**

Length: **45.5 total hours**

Udemy

CERTIFICATE OF COMPLETION

**Google Workspace (G Suite)  
Ultimate Course 2021**

Instructor: Learn Tech Plus

**Foyjun de**

Date: May 13, 2022  
Length: 48 total hours

This certificate above verifies that Foyjun de successfully completed the course Google Workspace (G Suite) Ultimate Course 2021 on 05/13/2022 as taught by Learn Tech Plus on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

**Certificate Recipient:**



Foyjun de





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November 2022

CERTIFICATE OF COMPLETION

# QuickBooks Online 2022 & 2021 Start to Finish

Instructors: **Robert (Bob) Steele**

**Foyjun de**

Date: **May 13, 2022**

Length: **155.5 total hours**

This certificate above verifies that **Foyjun de** successfully completed the course **QuickBooks Online 2022 & 2021 Start to Finish** 05/13/2022 as taught by **Robert (Bob) Steele** on Udemy. The certificate indicates the entire course was completed as validated by the student. The course duration represents the total video hours of the course at time of most recent completion.

**Certificate Recipient:**



**Foyjun de**



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ARPAN BISWAS** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay

June 4, 2022

**ARPAN BISWAS**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course offered by Vanderbilt University and offered through  
Coursera



Arun Gochhayat, Ph.D.  
Professor  
Computer Engineering, Computer Science and  
Electrical Engineering

Michael Engelhardt, Ph.D.  
Professor Emeritus  
Original Course: Computer Engineering, Electrical Engineering, Programming and Modeling

Verify at:  
<https://coursera.org/verify/482782461872>

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# Georgia Institute of Technology

Jan 16, 2022

**Arpan Biswas**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/C6TG8483V3KY>

Coursera has confirmed the identity of this individual and their participation in the course.



May 3, 2023

**Arpan Biswas**

has successfully completed with honors

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera

Jaresh Agrawal  
Senior Scientist  
IBM

Joseph Santamaria  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**

W10P10000



Verify at:

<https://coursera.org/jwri/vaR0PPUJ2AuPvE>

Coursera has certified the identity of this individual and their participation in the course.





May 2, 2023

**Arpan Biswas**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarone  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/A1m5S2D56G99>

Coursera has certified the identity of this individual and their participation in the course.



Top Performer

# Certificate Of Excellence

is awarded to

**Arpan Biswas**

for successfully completing the course

**Introduction to C++**

conducted from March 2022 to May 2022



Handwritten signature of Ankush Singla in black ink.

**Ankush Singla**  
Mentor / Instructor



Handwritten signature of Nidhi in black ink.

**Nidhi**  
Mentor / Instructor

[certificate.codingninjas.com/verify/Bd9662c0bd1c7c20](https://certificate.codingninjas.com/verify/Bd9662c0bd1c7c20)



# CERTIFICATE OF COMPLETION

.....

This is to certify that Mr. / Ms. ARPAN BISWAS successfully completed  
the course with on certificate for Python Foundation with Data  
Structures & Algorithms.

*Karan Arora*

Karan Arora



*08 June 2022*

Date

Certificate ID: #00004264

Certificate URL: <https://machinelearning.org.in/courses/certificate/454b997689>

# M UNIVERSITY OF MICHIGAN

Mar 28, 2023

TRISHA BANERJEE

has successfully completed

Programming for Everybody (Getting Started with Python)

An online non-credit course authorized by University of Michigan and offered through Coursera



Chad Gannon  
Dean, College of Engineering  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ROM3HGWC135>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

Apr 26, 2023

**TRISHA BANERJEE**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*May C. Grotala*

May Crotala  
Deputy Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8MMU487L3D8M>

Coursera has confirmed the identity of this individual and their participation in the course.





**Georgia Institute**  
**of Technology**

April 21, 2013

**TRISHA BANERJEE**

has successfully completed

**Write Professional Emails in English**

an online professional course authorized by Georgia Institute of Technology and offered through Coursera.

David J. Reardon  
Deans  
of Language Learning

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/AAA@98CV13>

Coursera has confirmed the identity of the individual and their participation in the course.

# Yale

April 25, 2023

**TRISHA BANERJEE**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Trisha Banerjee

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/UYFWADCR4YU](https://coursera.org/verify/UYFWADCR4YU)

Coursera has confirmed the identity of the individual and their  
association with the course.

This participant has successfully completed the course of WELL-Being: a 4-credit online non-credit course developed by Dr. Laurie R. King, authorized by Yale University and offered through Coursera. Please consult your  
university policies. After all credit verification, confirm completion of the course. This certificate does not confer Yale University credit, credit to another course.



Certificate ID: UC-7d75a82a-5c5e-4e91-c290-1479a702009  
Certificate URL: [www.udemy.com/certificate/UC-7d75a82a-5c5e-4e91-c290-1479a702009](https://www.udemy.com/certificate/UC-7d75a82a-5c5e-4e91-c290-1479a702009)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript pour les débutants : Cours complet pour débutants

Instructors **Clara Lannoy**

**Trisha Banerjee**

Date **May 5, 2024**

Length **3 total hours**



Certificate ID: UC-8d71e2b-46a2-42e7-81e0-29900009167e  
Certificate URL: udemy/UC-8d71e2b-46a2-42e7-81e0-29900009167e  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS3 and Bootstrap for Absolute Beginners : 4 courses in 1

Instructors: Creative Online School

**Trisha Banerjee**

Date: May 6, 2024

Length: 3 total hours



Certificate no: UC-707978e-1000-4d05-4a0c-7007716c0900  
Certificate url: <https://www.udacity.com/certificate/UC-707978e-1000-4d05-4a0c-7007716c0900>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Programming Masterclass

Instructors: **Makeintern Course**

**Trisha Banerjee**

Date: **May 6, 2024**

Length: **2.5 total hours**





Certificate ID: UC-487653a-0D2-442c-9522-8e4a0b42479c  
Certificate URL: <https://www.udacity.com/certificate/UC-487653a-0D2-442c-9522-8e4a0b42479c>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build 20 JavaScript Projects in 20 Day with HTML, CSS & JS

Instructors: Vijay Kumar

**Trisha Banerjee**

Date: May 6, 2024

Length: 7 total hours



Certificate ID: UC-skillshare-1405-4719-5uW-85uW919a0C3  
Certificate URL: <https://www.udemy.com/certificate/UC-skillshare-1405-4719-5uW-85uW919a0C3>  
Reference Number: 0034

CERTIFICATE OF COMPLETION

# HTML5 et CSS3 : La Formation Complète

Instructors **Clara Donnart**

**Trisha Banerjee**

Date **May 5, 2024**

Length **4 total hours**



Certificate for UC-ww4053a2-5ccc-4055-3e48-a3d8c0a9f029  
Certificate with udemy/UC-ww4053a2-5ccc-4055-3e48-a3d8c0a9f029  
Reference Number: 0034

CERTIFICATE OF COMPLETION

# Problem Solving with C++ programming language

Instructors: put codes

**Trisha Banerjee**

Date: May 6, 2024

Length: 4 total hours



Certificate ID: UC9876543210  
Certificate of Completion ID: UC9876543210  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors: Robert (Bob) Steele

**Aniruddha Bhattacharjee**

Date: May 6, 2024

Length: 44 total hours



Certificate no. UC-36227710-6466-470a-846d-72497266e770  
Certificate url: udemy.com/certificate/UC-36227710-6466-470a-846d-72497266e770  
Reference Number: 0008

CERTIFICATE OF COMPLETION

# Xero vs. Excel 2023

Instructors: **Robert (Bob) Steele**

**Aniruddha Bhattacharjee**

Date: **March 23, 2024**

Length: **69.5 total hours**





Certificate no: UC-27398939-8-16-4766-2636-6167366447  
Certificate ID: udemy/C27398939-8-16-4766-2636-6167366447  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Aniruddha Bhattacharjee**

Date: May 7, 2023

Length: 34 total hours



Certificate no. UC-962278e-25e-4254-b932-8488a6c07f2  
Certificate URL: <https://www.udacity.com/certificate/UC-962278e-25e-4254-b932-8488a6c07f2>  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX | Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 180,000+ Students

## Anwasha Ghosh

Date: April 14, 2023

Length: 12 total hours



Certificate No. UC-6349c26-3949-4f84-a03a-8471426a2626  
Certificate URL: <https://www.udacity.com/certificate/UC-6349c26-3949-4f84-a03a-8471426a2626>  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Anwasha Ghosh

Date **March 20, 2023**

Length **8.5 total hours**



Certificate ID: UC-263622-926-4544-4882-9872384726  
Certificate URL: <https://www.udacity.com/certificate/UC-263622-926-4544-4882-9872384726>  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors: YouAccel Training

**Anwasha Ghosh**

Date: May 30, 2023

Length: 18 total hours



Certificate ID: UC-5897236-5295-4920-8566-5A6788564071  
Certificate URL: udemy.com/UC-5897236-5295-4920-8566-5A6788564071  
Issuance Month: 2024

CERTIFICATE OF COMPLETION

# AWS, JavaScript, React | Deploy Web Apps on the Cloud

Instructors: YouAccel Training

**Anwasha Ghosh**

Date: May 30, 2023

Length: 25 total hours





CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructor: **Horizon Tech**

**Anwasha Ghosh**

Date: **May 30, 2023**

Length: **8 total hours**



Certificate no: UC-4520954-9939-4085-8487-675646-8364  
Certificate of completion UC-4520954-9939-4085-8487-675646-8364  
Issued on 12/20/2024

CERTIFICATE OF COMPLETION

# HTML, CSS, React - Certification Course for Beginners

Instructor: YouAccel Training

## Anwasha Ghosh

Date: May 30, 2023

Length: 14.5 total hours



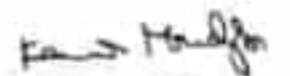
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ANTARA GHOSH** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kausik M. Mondal  
IIT Bombay



Certificate ID: UC-7489396-ub3-4263-363e-893e77032873  
Certificate URL: <https://www.udacity.com/certificate/uc-7489396-ub3-4263-363e-893e77032873>  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# HTML, CSS, JavaScript, React - Online Certification Course

Instructors: YouAccel Training

**Antara Ghosh**

Date: April 11, 2023

Length: 16 total hours



Certificate no. UC-B000000-2023-4128-4828-7100403447112  
Certificate url: udemy.com/certificate/UC-B000000-2023-4128-4828-7100403447112  
Issuance Month: 2023

CERTIFICATE OF COMPLETION

# React - Complete Developer Course with Hands-On Projects

Instructors: YouAccel Training, Tim MacLachlan

**Antara Ghosh**

Date: April 11, 2023

Length: 10.5 total hours





Certificate ID: UC-8231936-150-426-3223-v8188873268  
Certificate URL: <https://www.udacity.com/certificate/UC-8231936-150-426-3223-v8188873268>  
Issuance Month: 2024

CERTIFICATE OF COMPLETION

# Python 3 | Ultimate Guide

Instructors: Josh Werner, Learn Tecc

**Antara Ghosh**

Date: March 29, 2023

Length: 13 total hours



Certificate no. UC-10200673-2023-4490-5678-901234567890  
Certificate url: udemy.com/uc-10200673-2023-4490-5678-901234567890  
Expiry date: 2024

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

**Antara Ghosh**

Date **March 30, 2023**

Length **8.5 total hours**





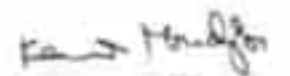
Spoken Tutorial  
Project of  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ADRIJA GUPTA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kamesh M Moudgalya  
IIT Bombay







Udemy Inc. 4900th Ave. S.W. 455 000-0000  
Certificate ID: udemy2023-04-28-1433-0000-0000  
Expiration Date: 2024

CERTIFICATE OF COMPLETION

# Python Programming Machine Learning Python Beginner-Advance

Instructors: Homework Helper Prox, M. Fahmid Chowdhury

**Adrija Gupta**

Date: April 28, 2023

Length: 20 total hours



Certificate ID: UC-0079627064-400-0000-007020944  
Certificate URL: udemy.com/UC-0079627064-400-0000-007020944  
Expiration: None (000)

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors: YouAccel Training

**Adrija Gupta**

Date: April 14, 2023

Length: 26 total hours



Certificate ID: UC-27736263-8274-4266-8180-82226554427  
Certificate URL: <https://www.udacity.com/certificate/UC-27736263-8274-4266-8180-82226554427>  
Enrollment Number: 0004

CERTIFICATE OF COMPLETION

# Video Production, YouTube Marketing, & Video Marketing Guide

Instructors: Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Adrija Gupta**

Date: March 29, 2023

Length: 16.5 total hours



Certificate ID: 421949332-48291-4416-4416-441644164416  
Certificate URL: [https://www.udacity.com/certificate/421949332-48291-4416-4416-441644164416](#)  
Reference Number: 42194

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructor: Horizon Tech

**Adrija Gupta**

Date: March 30, 2023

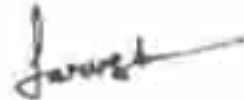
Length: 8 total hours

# Certificate of Training

**Ahana Bhattacharjee**

from Hooghly Engineering and Technology College has successfully completed an 8-week online training on **Ethical Hacking**. In the training, Ahana learned Basics of Information Security, Computer Networking and Web Development, Information Gathering and VAPT of some important vulnerabilities in the OWASP top 10, Automating VAPT, and Documenting and Reporting Vulnerabilities.

In the final assessment, Ahana scored 41% marks.  
We wish Ahana all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2023-03-17

Certificate no. : 6490xv60jyl

For certificate authentication, please visit [http://trainings.internshala.com/verify\\_certificate](http://trainings.internshala.com/verify_certificate)




# Certificate of Training

**Ahana Bhattacharjee**

from Hooghly Engineering and Technology College has successfully completed a 6-week online training on **Core Java**. The training consisted of Getting Started with Java, Leveraging Basic Concepts, Object Oriented Programming, and Java App Development modules.

Ahana scored 96% marks in the final assessment and is a top performer in the training.  
We wish Ahana all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-10-23

Certificate no.: C8FEF1B6-B586-1AF8-2E48-C491D2D9CAF2

For certificate authentication, please visit [http://trainings.internshala.com/verify\\_certificate](http://trainings.internshala.com/verify_certificate)

Google Digital Unlocked

# Ahana Bhattacharjee

is hereby awarded this certificate of achievement for the successful  
completion of **The Fundamentals of Digital Marketing** certification exam  
on 08/05/2023

*Matt Cutler*

President - Google EMEA



*Townsend Pamela Fisher*

CEO - IAB Europe

# Certificate of Training

**Ahana Bhattacharjee**

from Hooghly Engineering and Technology College has successfully completed an 8-week online training on **Web Development**. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

In the final assessment, Ahana scored 38% marks.  
We wish Ahana all the best for future endeavours.



**Sarvesh Agarwal**  
FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-11-12

Certificate no. : FB30C132-D300-C444-79ED-024470CFA9E0

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Certificate of Training

**Ahana Bhattacharjee**

from Hooghly Engineering and Technology College has successfully completed a 6-week online training on **Programming with Python**. The training consisted of Introduction to Python, Using Variables in Python, Basics of Programming in Python, Principles of Object-oriented Programming (OOP), Connecting to SQLite Database, Developing a GUI with PyQt, Application of Python in Various Disciplines, and The Final Project modules.

In the final assessment, Ahana scored 68% marks.  
We wish Ahana all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-01-12

Certificate no.: 7701BAFF-4E08-EFD7-8FB8-6A58D38F6F88

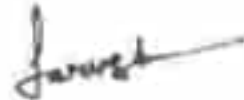
For certificate authentication, please visit [m.ppc/trainings.internshala.com/verify\\_certificate](https://m.ppc/trainings.internshala.com/verify_certificate)

# Certificate of Training

**Ahana Bhattacharjee**

from Hooghly Engineering and Technology College has successfully completed a 6-week online training on **Data Science**. The training consisted of Introduction to Data Science, Python for Data Science, Understanding the Statistics for Data Science, Predictive Modeling and Basics of Machine Learning, and The Final Project modules.

In the final assessment, Ahana scored 73% marks.  
We wish Ahana all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-04-08

Certificate no. : 9691ABDF-49E2-AF52-2DA7-91D745E03358

For certificate authentication, please visit [http://trainings.internshala.com/verify\\_certificate](http://trainings.internshala.com/verify_certificate)



## Verified Certificate



This is to certify that

**Ahana Bhattacharjee**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud  
Security**

a course of study offered by AWS, an online learning initiative of  
AWS.

*W. Bruce King*

W. Bruce King

General, Training and Certification

Alexander Way, Director (2019)



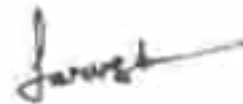
Verified Certificate  
Issued June 18, 2021

Valid Certificate ID:  
[02142126673e9971e888e079301e0799](https://www.certificateverify.com/verify/02142126673e9971e888e079301e0799)

# Certificate of Training

**Ahana Bhattacharjee,**

student of Hooghly Engineering and Technology College, has successfully completed a eight weeks online training on **Programming with C and C++**. The training consisted of Getting Started With Programming in C, Diving Into C Programming, Fundamentals of Object Oriented Programming Using CPP, Diving into CPP Programming and Building Cricket Game Application modules. In the final assessment, Ahana scored 43% marks. We wish Ahana all the best for the future.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2021-04-21

Certificate no.: 161A53D6-3761-6D49-3AF8-0DFE074AA730

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

# Verified Certificate

This is to certify that

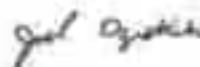
**Ahana Bhattacharjee**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingonX, an online learning initiative of University of Washington.

**W** UNIVERSITY of WASHINGTON



Joel Orestich

Joel Orestich, International & Digital Language Programs  
University of Washington



Verified Certificate  
Issued January 19, 2021

UUID: 5211064-2E-  
664769422144766326307020461269



COURSE  
CERTIFICATE

Presented to

**Ahana Bhattacharjee**

has successfully completed

**Write Professional Emails in English**

an online professional course, authorized by Georgia Institute of Technology, and offered  
through Coursera.



  
\_\_\_\_\_  
Name  
Title  
Institution

Verify the certificate using the URL: <https://www.coursera.org/verify/certificate/1234567890>  
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July 3, 2023

**Ahana Bhattacharjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

Ranjiv Ranjan, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3NV5EJHM49W](https://coursera.org/verify/3NV5EJHM49W)

Coursera has certified the identity of this individual and their participation in the course.





AMERICAN MUSEUM  
OF NATURAL HISTORY



Jul 6, 2021

Ahana Bhattacharjee

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Pinescinski  
Director, Center for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/5E4U6PBW75Gx](https://coursera.org/verify/5E4U6PBW75Gx)

Coursera has confirmed the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jul 9, 2021

Ahana Bhattacharjee

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre Walsh, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hazlett, Michael Studdert, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/PQ&WNL24XES6](https://coursera.org/verify/PQ&WNL24XES6)

Coursera has certified the identity of this individual and their  
participation in the course.

# Certificate of Training

---

Ahana Bhattacharjee

SQL



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA



Certificate no: UC-83b2dd47-4b67-4f5e-924f-c03f9906995a

Certificate url: [ude.my/UC-83b2dd47-4b67-4f5e-924f-c03f9906995a](https://ude.my/UC-83b2dd47-4b67-4f5e-924f-c03f9906995a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

## Siddhartha Chatterjee

Date **May 10, 2024**

Length **12.5 total hours**



Certificate no: UC-549c01f2-cb38-422b-982a-01b470c1c978

Certificate url: [ude.my/UC-549c01f2-cb38-422b-982a-01b470c1c978](https://ude.my/UC-549c01f2-cb38-422b-982a-01b470c1c978)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript Projects Course

## Build 20 Projects in 20 Days

Instructors **Vijay Kumar**

# Siddhartha Chatterjee

Date **May 5, 2024**

Length **13.5 total hours**





Certificate no: UC-c48e8d45-5749-4997-a832-d842d4a25e27

Certificate url: [ude.my/UC-c48e8d45-5749-4997-a832-d842d4a25e27](https://ude.my/UC-c48e8d45-5749-4997-a832-d842d4a25e27)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Siddhartha Chatterjee

Date **May 12, 2024**

Length **8 total hours**



Certificate no: UC-47309e30-9390-4406-bcaf-d1b06d7b07bc  
Certificate url: [ude.my/UC-47309e30-9390-4406-bcaf-d1b06d7b07bc](https://ude.my/UC-47309e30-9390-4406-bcaf-d1b06d7b07bc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Siddhartha Chatterjee

Date **May 4, 2024**

Length **77 total hours**



CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors: Hussain Mustafa, Codestars + over 2 million students worldwide!

**Deep Mondal**

Date: May 9, 2024

Length: 17 total hours



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logis Academy**

**Deep Mondal**

Date: **May 11, 2024**

Length: **77 total hours**



Certificate ID: UC-10A0234-0277-4380-0401-842023183007  
Certificate URL: <https://www.udacity.com/certificate/UC-10A0234-0277-4380-0401-842023183007>  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Deep Mondal**

Date: **May 11, 2024**

Length: **8 total hours**





Full name

**Koustubh Majumdar**

has successfully completed

**Crash Course on Python**

an online technical course authorized by Google and offered through Coursera

**Google**

Issue

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CERTIFICATE**



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CERTIFICATE OF COMPLETION

# Complete Adobe Lightroom Megacourse: Beginner to Expert

Instructors: Creativity Unleashed

**Koustubh Majumdar**

Date: May 7, 2022

Length: 33 total hours



**Georgia Institute**  
**of Technology**

Spring 2018

**Koustubh Majumdar**

has successfully completed

**Write Professional Emails in English**

an online course which was co-created by Georgia Institute of Technology and offered through Coursera

\_\_\_\_\_  
Name  
Signature

**COURSE  
CERTIFICATE**



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Udemy Inc. 2022  
Certificate of Completion for Koustubh Majumdar  
Issued on May 27, 2022

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructors: Creativity Unleashed

**Koustubh Majumdar**

Date: May 27, 2022

Length: 19.5 total hours







Certificate ID: UCDFW4237421-424-424-424234234234  
Certificate of completion ID: UCDFW4237421-424-424-424234234234  
Release: February 2024

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructor: Pierre-Henry Soria

**Koustubh Majumdar**

Date: May 5, 2024

Length: 18.5 total hours



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CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructor: PROPER DOT INSTITUTE

**Koustubh Majumdar**

Date: May 5, 2024

Length: 10 total hours

# Yale

Apr 2, 2014

## Arpita Das

has successfully completed

### The Science of Well-Being

an online non-credit course authorized by Yale University and offered through Coursera



Sarah Bowen  
Professor  
Psychology

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/certify/C776XND31001>

Coursera has confirmed the identity of this individual and their participation in the course.

This participant has successfully completed the course of MIT: Being a Well-Being course, and credit course developed by Dr. Sarah Bowen, authorized by Yale University and offered through Coursera. Please contact your awarding body to see if they will award credit for completion of this course. This certificate does not confer Yale University grade credit or diploma status.



Certificate ID: UD-610116-4233-4142-4897-014-10840281  
Certificate URL: udemy.com/certificate/verify-certificate/  
Reference Number: 8238

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Lugus Academy**

**Arpita Das**

Date: Feb. 28, 2024

Length: 77 total hours



Certificate no: UC-43d79d9-4721-4633-8346-75c980a3246  
Certificate url: <https://www.udacity.com/certificate/UC-43d79d9-4721-4633-8346-75c980a3246>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# A Turtle Tale • Learn Python in a Visual Way

Instructors: Stephen Gruppette

**Arpita Das**

Date: April 6, 2024

Length: 10.5 total hours





Certificate No: UC-81222222-7543-4320-8960-000000000000  
Certificate of Completion No: UC-81222222-7543-4320-8960-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors: Hemant Kumar

**Arpita Das**

Date: April 8, 2024

Length: 11 total hours

# Yale

May 18, 2021

**Sohan Sahana**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Rogers Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/D89D62YD9AWZ>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 11, 2022

**Sohan Sahana**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/7E448BAY6DWTU>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

31 Dec. 2022

**Sohan Sahana**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/vPRR7eW675ZD>

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 11, 2022

**Sohan Sahana**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Patel, Duncan Pritchard, Yaelin Leraida, Matthew Crummin, Allan Webster, Michael S. Green, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/SGMYE328A9TG>

Coursera has certified the identity of this individual and their  
participation in the course.





Certificate no: UC-14a741e9-e20c-4e1d-9d40-e327ad2a1538

Certificate url: [ude.my/UC-14a741e9-e20c-4e1d-9d40-e327ad2a1538](https://ude.my/UC-14a741e9-e20c-4e1d-9d40-e327ad2a1538)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 300+ Python Exercises (Simple, Intermediate & Complex)

Instructors **Faisal Zamir, Jafri Code**

## **Sohan Sahana**

Date **May 8, 2023**

Length **28.5 total hours**



Certificate no: UC-cbfca018-30d2-4362-bc85-9070d9bedf10

Certificate url: [ude.my/UC-cbfca018-30d2-4362-bc85-9070d9bedf10](https://ude.my/UC-cbfca018-30d2-4362-bc85-9070d9bedf10)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors **SAP Easy Learning For Beginners**

## Sohan Sahana

Date **May 8, 2023**

Length **56.5 total hours**



Certificate no: UC-ea32b9d4-2a78-40fe-8ad3-b426c50fe046

Certificate url: [udemy.com/UC-ea32b9d4-2a78-40fe-8ad3-b426c50fe046](https://udemy.com/UC-ea32b9d4-2a78-40fe-8ad3-b426c50fe046)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors **Faisal Zamir, Jafri Code**

**Sohan Sahana**

Date **May 8, 2023**

Length **13.5 total hours**











Certificate No. UC-264278-1418-4000-1420-1420-1420-1420  
Certificate of Completion: Sumanta Chakraborty - May 2023  
November 2024

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors: Falak Zamir, Jefri Code

**Sumanta Chakraborty**

Date: April 25, 2023

Length: 13.5 total hours



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CERTIFICATE OF COMPLETION

# Recon For Bug Bounty, Penetration Testers & Ethical Hackers

Instructor: Vivek Pandit

**Sumanta Chakraborty**

Date: May 7, 2023

Length: 9 total hours



Certificate of Completion issued to Sumanta Chakraborty  
for completing the course "CSS, JavaScript, PHP And Python Programming All in One Course"  
Issued on: 14/05/2023

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors: PROPER DOT INSTITUTE

**Sumanta Chakraborty**

Date: May 14, 2023

Length: 10 total hours



Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/00000000-0000-0000-0000-000000000000](#)  
Issued on: 2023-05-12 10:00:00

CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructors: **BS Academy**

**Sumanta Chakraborty**

Date: **May 12, 2023**

Length: **8.5 total hours**



Certificate ID: ud-cert-2023-05-18-0001 (10d4d1b67f)  
Certificate URL: ud-cert-2023-05-18-0001 (10d4d1b67f)  
Issued on: May 18, 2023

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructors: YtuAccel Training

**Sumanta Chakraborty**

Date: May 18, 2023

Length: 11 total hours





# M UNIVERSITY OF MICHIGAN

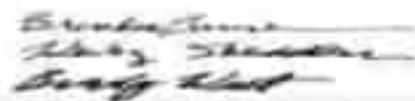
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gondek, Ph.D., Lecturer II

Vicky Shekhar, Ph.D., Professor

Sandy T. Hill, Ph.D., Research Associate Professor

COURSE  
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<https://coursera.org/verify/155HCOMBHY95>

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# M UNIVERSITY OF MICHIGAN

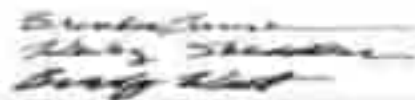
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Fitting Statistical Models to Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehya Shihadeh, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/RGD90658D18E>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8

Certificate url: [ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8](https://ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Kazi Md Ashik Ekbal**

Date **Feb. 11, 2024**

Length **18.5 total hours**





Certificate no: UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a  
Certificate url: [ude.my/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a](https://udemy.com/certificate/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Kazi Md Ashik Ekbal**

Date **Feb. 6, 2024**

Length **34 total hours**



# M UNIVERSITY OF MICHIGAN

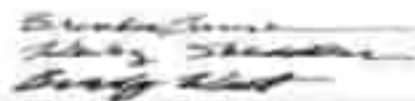
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gonderman, Ph.D., Lecturer II

Yehyeh Shubles, Ph.D., Professor

Sandy T. Yeh, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/550THP4V8F2>

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



Joseph Santarone  
Data Scientist



This is to certify that

Souvik Seth

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of  
IBM.



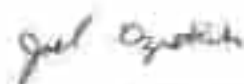
Verified Certificate  
Issued July 18, 2021

Valid Certificate ID:  
[c849732abf5b418c9d5608eb08a73c57](#)

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

**W** UNIVERSITY *of* WASHINGTON



Jeff Ozretich

Director, International & English Language Programs  
University of Washington

This is to certify that

**Souvik Seth**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtoX, an online learning initiative of  
University of Washington.



VERIFIED CERTIFICATE  
Issued January 12, 2021

VALID CERTIFICATE ID  
213f29f6362942bec9d9f18482e22323e

# Verified Certificate



Clyde Szymanski

General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Souvik Seth**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 20, 2021

Valid Certificate ID  
[876e5b2081e448538ec0f2a71771ee0fb](https://courses.edx.org/certificates/876e5b2081e448538ec0f2a71771ee0fb)

# Verified Certificate



Technische Universität München

This is to certify that

**Souvik Seth**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Heidi Möring  
Head of English

TUM Language Center



Dr. Agnes Baur  
Lecturer

TUM Language Center



Verified Certificate  
Issued February 7, 2021

Valid Certificate ID  
[c731ced3bd34c2d6d37e6e325d9ba7





# Georgia Institute of Technology

Jan 5, 2022

**SOUVIK SETH**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ZDLCP65TX4C4](https://coursera.org/verify/ZDLCP65TX4C4)

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



*Caren Ryskamp*

Caren Ryskamp

Program Manager, IBM Security Learning Services



This is to certify that

Souvik Seth

successfully completed and received a passing grade in

Cybfun.1.0: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of  
IBM.



Verified Certificate  
Issued June 7, 2022

Valid Certificate ID  
[65a2f27fc58a446b9684164901d198b5](#)

# Verified Certificate

HarvardX

This is to certify that

Souvik Seth

successfully completed and received a passing grade in

PH125.3x: Data Science: Probability

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Rajarshi Roy

Professor of Biostatistics

Harvard T.H. Chan School of Public Health



Verified Certificate  
Issued June 7, 2022

Valid Certificate ID  
[1f1c1d85782e5461b8746625aa9713e47](https://ed.org/certificate/1f1c1d85782e5461b8746625aa9713e47)



THE UNIVERSITY  
*of* EDINBURGH

Jan 23, 2022

**SOUVIK SETH**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Douvan Pritchard, Yulia Lomda, Matthew Chomson, Allan Webster, Michael Szymanski, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/SV111CP01186>

Coursera has certified the identity of this individual and their  
participation in the course.

# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Lonigan".

Maureen Lonigan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Souvik Seth**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 12, 2023

Valid Certificate ID  
[075639723d0747f09181191db1db2d9](#)



# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Loninger".

Maureen Loninger  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Souvik Seth**

successfully completed and received a passing grade in

**OTP-AWSD11: Building Modern Java  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 8, 2022

Valid Certificate ID  
[1d9b6c1e9fc74b88493c4d42f8804cac3](#)



नामांकन सं. / Enrolment No. : 20221001562314

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SOUVIK SETH**

को " मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SOUVIK SETH**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

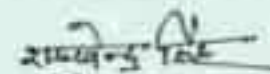
Date: 27-07-2022

Place: Dehradun

UID: 3e28119f559a19018811b8e29ca71556b. This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun







Certificate no: UC-79f9e3ad-5684-483d-b0fe-daa42ca6568a

Certificate url: [ude.my/UC-79f9e3ad-5684-483d-b0fe-daa42ca6568a](https://ude.my/UC-79f9e3ad-5684-483d-b0fe-daa42ca6568a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Engineering Drawing / Graphics : Hands-on Training

Instructors **Easy learning**

## Souvik Seth

Date **Feb. 23, 2024**

Length **10.5 total hours**





Certificate no: UC-fab6f92e-e561-40ed-bd4b-455f80d943ce

Certificate url: [ude.my/UC-fab6f92e-e561-40ed-bd4b-455f80d943ce](https://udemy.com/certificate/UC-fab6f92e-e561-40ed-bd4b-455f80d943ce)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

## Souvik Seth

Date **Feb. 10, 2024**

Length **16 total hours**



Certificate no: UC-88a9edc6-e97a-4700-b638-d5b9bbce37d2

Certificate url: [ude.my/UC-88a9edc6-e97a-4700-b638-d5b9bbce37d2](https://udemy.com/certificate/UC-88a9edc6-e97a-4700-b638-d5b9bbce37d2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Souvik Seth

Date **Feb. 21, 2024**

Length **8 total hours**



Certificate no: UC-8708537b-75e0-430d-bbf7-f6c1dac78af6

Certificate url: [ude.my/UC-8708537b-75e0-430d-bbf7-f6c1dac78af6](https://ude.my/UC-8708537b-75e0-430d-bbf7-f6c1dac78af6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**Rohan Dinda**

Date **May 8, 2024**

Length **12.5 total hours**



May 11, 2024

**ROHAN DINDA**

has successfully completed

**Business English: Basics**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Rohan Dinda', written over a horizontal line.

Edo Ting, Lecturer, Center for Language Education  
Delian Gede, Senior Lecturer, Center for Language Education  
Dr. Sean McKeown, Director, Center for Educational Innovation

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BPWANSTVU57v>

Coursera has certified the identity of this individual and their participation in the course.



# M UNIVERSITY OF MICHIGAN

May 13, 2024

ROHAN DINDA

has successfully completed

Data Science Ethics

an online non-credit course authorized by University of Michigan and offered through Coursera



HV Jagadeesh  
Bernard A. Gilmer Collegiate Professor  
Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WE3OU5U99FX9>

Coursera has verified the identity of this individual and their participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650133

To  
ISHITA DUTTA  
20, PURBACHAL PALLY, K.G.R.S  
20, PURBACHAL PALLY, K.G.R.S PATH  
BHADRESWAR  
WEST BENGAL - 712221  
PH. NO: 8017124214



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ISHITA DUTTA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **67** %

Online Assignments	21.69/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



- YEAR 2021-2022



Certificate ID: UC-8464275-7727-4053-8464-097052426182  
Certificate ID: uc-8464275-7727-4053-8464-097052426182  
Reference Number: 2204

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors: Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University

**Saheli Banshi**

Date: May 8, 2022

Length: 12 total hours

- YEAR 2021-2022



Certificate ID: udemy-AC-102877-1820-426-6-02-0020172618  
Certificate URL: udemy-AC-102877-1820-426-6-02-0020172618  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

**Saheli Banshi**

Date **May 7, 2022**

Length **8.5 total hours**



- YEAR 2021-2022



Certificate ID: UC-1123751-1123-123-1234-1234567890  
Certificate of completion for UC-1123751-1123-123-1234-1234567890  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: **Andrii Piatakha, Learn IT University**

**Saheli Banshi**

Date: **May 9, 2022**

Length: **29.5 total hours**





# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Soperall".

Clyde Soperall

SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 28, 2023

Valid Certificate ID  
[a552777f414b4387bca257679a0578e4](https://certificates.edx.org/certificates/a552777f414b4387bca257679a0578e4)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued February 19, 2023

**Valid Certificate ID**  
[5968d517020a47a6802c9aa27cc316a5](#)

**Verified**  
Certificate



A handwritten signature in black ink, appearing to read 'Gita Biswas'.

Gita Biswas  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
issued June 9, 2022

Valid Certificate ID  
[p42wpp7808d947708x353173102809](https://lfs170x947708x353173102809)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Chris Wilson'.

Chris Wilson  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 8, 2022

Valid Certificate ID  
<https://lfs101x2022.linuxfoundation.org/certificates/2022/06/08/202206082022>



**Verified  
Certificate**



**Maureen Leung**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that:

**Santanu Jana**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud  
Security**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued January 28, 2021

**Valid Certificate ID:**  
[4b3dd38e44334073a048c0e4378d12d](#)

**Verified**  
Certificate



  
Joseph Santanaro  
Data Scientist  
IBM

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
issued June 20, 2021

Verifiable Certificate ID  
20200620A7120451000000000000000000

# Verified Certificate



Technische Universität München

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Heidi Miesing  
Head of English

TUM Language Center



Dr. Aparna Bhaer  
Lecturer

TUM Language Center



Verified Certificate  
Issued January 15, 2021

Valid Certificate ID  
[e04332e99674d44358a643bde79b4a6de9](https://coursera.edx.org/certificates/e04332e99674d44358a643bde79b4a6de9)

# Verified Certificate

**W** UNIVERSITY OF WASHINGTON



Joel Grunschlag  
Professor, International & English Language Programs  
University of Washington

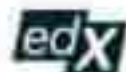
This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 10, 2021

Valid Certificate ID  
524853c0de03472c8ee2080c480a1170



AMERICAN MUSEUM  
OF NATURAL HISTORY



July 18, 2023

Santanu Jana

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Poincarre  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/0GB8W57Q82KA](https://coursera.org/verify/0GB8W57Q82KA)

Coursera has confirmed the identity of this individual and their participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

Jan 30, 2022

**Santanu Jana**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Vasilis Lavanis, Matthew Crummin, Allan Hahler, Michaela Maguire, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CWPMCQ2NPDYW](https://coursera.org/verify/CWPMCQ2NPDYW)

Coursera has confirmed the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

March 2020

**Santanu Jana**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/AYSRCHE245MRN](https://coursera.org/verify/AYSRCHE245MRN)

Coursera has confirmed the identity of this individual and their participation in the course.



ISB/2016-16022

**Santanu Jana**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
UT Austin School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/9H9NF2Y35NKG](https://coursera.org/verify/9H9NF2Y35NKG)

Coursera has certified the identity of this individual and their  
participation in the course.

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Santanu Jana**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued February 19, 2023

**Valid Certificate ID**  
[7aa1ef84d7eb41218e7ca7e8e8e725ec](https://edcourses.edx.org/certificates/7aa1ef84d7eb41218e7ca7e8e8e725ec)



Certificate no: UC-f5df20cf-e9a8-465e-8b1f-6627a5a0f0ae  
Certificate url: [ude.my/UC-f5df20cf-e9a8-465e-8b1f-6627a5a0f0ae](https://ude.my/UC-f5df20cf-e9a8-465e-8b1f-6627a5a0f0ae)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Photography : 21 Courses in 1 [Beginner to Expert]

Instructors **Creative Online School**

## Sagnik Naskar

Date **June 7, 2022**

Length **8.5 total hours**





Certificate no: UC-8c7d2d20-3763-4142-bf9a-6519fd87d34f

Certificate url: [ude.my/UC-8c7d2d20-3763-4142-bf9a-6519fd87d34f](https://ude.my/UC-8c7d2d20-3763-4142-bf9a-6519fd87d34f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

## Sagnik Naskar

Date **June 6, 2022**

Length **11 total hours**



Certificate no: UC-d2ab9f47-a104-4e1d-b15f-c7b40c423c14

Certificate url: [ude.my/UC-d2ab9f47-a104-4e1d-b15f-c7b40c423c14](https://ude.my/UC-d2ab9f47-a104-4e1d-b15f-c7b40c423c14)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master C++ Programming From Beginner To Advance - C++ Course

Instructors **Codaming - VeDinesh Academy**

## Sagnik Naskar

Date **June 7, 2022**

Length **16.5 total hours**



Certificate no: UC-35daf72c-95a7-4b40-8caf-9f120c147315

Certificate url: [ude.my/UC-35daf72c-95a7-4b40-8caf-9f120c147315](https://ude.my/UC-35daf72c-95a7-4b40-8caf-9f120c147315)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Sagnik Naskar

Date **June 7, 2022**

Length **8 total hours**





Certificate no: UC-b27313f1-0859-4727-99bc-d2d284d3011a

Certificate url: [ude.my/UC-b27313f1-0859-4727-99bc-d2d284d3011a](https://ude.my/UC-b27313f1-0859-4727-99bc-d2d284d3011a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing B2B Ultimate Digital Marketing Course 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Sagnik Naskar

Date **March 10, 2023**

Length **49.5 total hours**



Certificate no: UC-72b941b5-06ff-4427-b3fc-01b93620ece3

Certificate url: [ude.my/UC-72b941b5-06ff-4427-b3fc-01b93620ece3](https://ude.my/UC-72b941b5-06ff-4427-b3fc-01b93620ece3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Mastery 2023 with Dekker Fraser, MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Sagnik Naskar

Date **March 4, 2023**

Length **56.5 total hours**





May 6, 2017

**RAJDEEP MITRA**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Signature  
Rajdeep Mitra, Director  
IBM Research

**COURSE  
CERTIFICATE**



Verify at:  
<https://www.coursera.org/certificate/RAJDEEPMITRA>

Coursera has verified the identity of the individual and their  
completion of this course.



DATE: 4/1/2022

**RAJDEEP MITRA**

has successfully completed

**Introduction to Thermodynamics: Transferring  
Energy from Here to There**

an online course made possible by University of Michigan and offered through  
Coursera

*Yousang Woo*

William D. Swann Professor  
Mechanical Engineering, Aerospace Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://www.coursera.org/verify/COURSECERT0022>

Coursera does not warrant the validity of this certificate and does  
not provide any financial aid for this certificate.



Certificate of Completion  
Certificate of Completion of the course  
Award Number 1234

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructors: YouAccel Training

**Rajdeep Mitra**

Date: May 10, 2023

Length: 11 total hours



May 11, 2022

**RAJDEEP MITRA**

has successfully completed

**Machine Learning with Python**

an online executive course authorized by IBM and offered through Coursera

*Joel A. G. [Signature]*

Executive Learning  
IBM  
2022

Executive Learning  
Coursera  
2022

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.com/verify/1260W38800021>

Coursera does not warrant the validity of this certificate and does not assume any liability for its use.



Certificate ID: 85446-829-422-949-289746663  
Certificate URL: <https://www.udemy.com/certificate/UC-85446-829-422-949-289746663/>  
Issuing Month: 2024

CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructors: **BS Academy**

**Rajdeep Mitra**

Date: **May 12, 2023**

Length: **8.5 total hours**





WAT 6 2022

**RAJDEEP MITRA**

has successfully completed

**Python for Data Science, AI & Development**

an online executive course co-developed by IBM and offered through Coursera

Head of Government  
Cloud Practice  
India

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/certificate/68446082>

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors: **Nick Ovchinnikov**

**Nilanjana Kundu**

Date: **May 4, 2023**

Length: **17.5 total hours**





4 Courses

Digital Transformation with Google Cloud

Moving with Data and Google Cloud

Infrastructure and Application Modernization with Google Cloud

Understanding Google Cloud Security and Operations

Google Cloud

Mar 31, 2023

**Nilanjana Kundu**

Has successfully completed the online, non-credit Professional Certificate

## Google Cloud Digital Leader Training

The Cloud Digital Leader training courses are designed to increase your baseline knowledge about cloud and Google Cloud so you can confidently speak with colleagues in technical cloud roles. Moreover, this training will enable you to contribute to informed cloud-related business decisions across your organization. This training creates knowledge in these areas: General Cloud knowledge General Google Cloud knowledge Google Cloud products and services

*Google Cloud Training*

This certificate is not a credential. It is a record of your learning journey on Coursera. It is not a credential and is not a guarantee of any specific outcome. It is not a credential and is not a guarantee of any specific outcome. It is not a credential and is not a guarantee of any specific outcome. It is not a credential and is not a guarantee of any specific outcome.

Verify this certificate at  
<https://coursera.com/help/credentials>  
or [certificates@coursera.com](mailto:certificates@coursera.com)





# UC SANTA CRUZ

April 2019

Nilanjana Kundu

has successfully completed

**C for Everyone: Programming Fundamentals**

an online learning course authorized by University of California, Santa Cruz and offered through Coursera

*Sra Pohl*

Professorial Staff  
Department of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



verify at  
<https://coursera.org/verify/US077046281>

©2019 Coursera Inc. All rights reserved. This is a digital and may be subject to the terms and conditions of use in the course.



Certificate ID: UC-00000000-0000-0000-0000-000000000000  
Certificate ID: UC-00000000-0000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructor: YouAccel Training

**Nilanjana Kundu**

Date: March 26, 2023

Length: 8 total hours



Udemy Inc. 2200 California Street, Suite 100  
San Francisco, CA 94115  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors: Dekker Fraser, MBA, Jyra Galosmo

**Nilanjana Kundu**

Date: July 30, 2023

Length: 31 total hours









Udemy is an authorized provider of the following  
Certificate and/or diploma. All other certificates/diplomas  
reference number 0001

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Nilanjana Kundu**

Date: March 31, 2024

Length: 21 total hours



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ADREESH BHATTACHARYA**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **57** %

Online Assignments	24.88/25	Proctored Exam	32.03/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**  
Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangara**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23C520543740061

To validate the certificate



No. of credits recommended: 3 or 4



# Georgia Institute of Technology

Mar 02, 2023

**ADREESH BHATTACHARYA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

G. Lakshmi  
Instructor  
IT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8AMR9C8032>

Coursera has verified the identity of the instructor and their participation in the course.



Certificate ID: UC-8523170-923-4006-6667-75611026627  
Certificate URL: <https://www.udacity.com/certificate/UC-8523170-923-4006-6667-75611026627>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors: TJ Walker, Sunil Robert, Media Training Worldwide Digital

**Adreesh Bhattacharya**

Date: May 19, 2023

Length: 12.5 total hours



Certificate no UC-49334025-2105-4712-833a-7648b046d4  
Certificate url <https://www.udemy.com/certificate/UC-49334025-2105-4712-833a-7648b046d4>  
Business Number: 0004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

**Adreesh Bhattacharya**

Date **May 15, 2023**

Length **9.5 total hours**





Certificate ID: 4084864 T&T: 4078 8272 8044075004  
Certificate URL: https://www.udacity.com/certificate  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# PHP with MySQL 2023: Build Complete Coffee Shop System

Instructors: Web Coding

**Adreesh Bhattacharya**

Date: May 22, 2023

Length: 8.5 total hours



Certificate no. UC-C5882894-1024-4122-6443-68140998400  
Certificate URL: <https://www.udacity.com/certificate/UC-C5882894-1024-4122-6443-68140998400>  
Reference Number: 8224

CERTIFICATE OF COMPLETION

# Environment and Ethics: A Basic Course

Instructors: **Dr. Swati Chakraborty**

**Adreesh Bhattacharya**

Date: **May 26, 2023**

Length: **9 total hours**







Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate number: 00000000-0000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

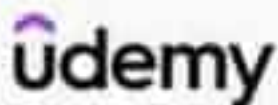
Instructor: **Robert (Bob) Steele**

**Susovan Dey**

Date: **March 31, 2024**

Length: **44 total hours**





Certificate ID: UC-3276677-1664-4261-456470271021  
Certificate of Completion ID: UC-3276677-1664-4261-456470271021  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management for Profit with Dekker

Instructors: Dekker Frasset, MBA, Jyra Galosmo

**Susovan Dey**

Date: March 31, 2024  
Length: 25 total hours





Certificate ID: ud-12345678-9012-3456-7890-123456789012  
Certificate URL: [https://www.udacity.com/certificate/ud-12345678-9012-3456-7890-123456789012](#)  
Issued on: Summer 2024

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructor: **Robert (Bob) Steele**

**Susovan Dey**

Date: **May 12, 2024**

Length: **234 total hours**



Certificate no: UC-50e129f5-7341-4401-b9bb-fd5ee09e5bec

Certificate url: [ude.my/UC-50e129f5-7341-4401-b9bb-fd5ee09e5bec](https://ude.my/UC-50e129f5-7341-4401-b9bb-fd5ee09e5bec)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Python Programming - Beginner to Master

Instructors **Abdul Bari**

## Mohit Kumar Shaw

Date **May 31, 2024**

Length **57 total hours**



Certificate no: UC-cdb48c3b-f715-43e9-9780-16a413f73258

Certificate url: [ude.my/UC-cdb48c3b-f715-43e9-9780-16a413f73258](https://ude.my/UC-cdb48c3b-f715-43e9-9780-16a413f73258)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

**Shiful Adhikary**

Date **May 10, 2024**

Length **11.5 total hours**





Certificate no: UC-2bd1da0b-fcb7-4c92-9d13-d39159cd28d8

Certificate url: [ude.my/UC-2bd1da0b-fcb7-4c92-9d13-d39159cd28d8](https://ude.my/UC-2bd1da0b-fcb7-4c92-9d13-d39159cd28d8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete English Grammar For Lower Levels

Instructors **Ülkü Küçükakın**

**Shiful Adhikary**

Date **May 10, 2024**

Length **29 total hours**

## Statement of participation

# Shiful Adhikary

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 10 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

**COURSE CODE: ETHICS\_1**

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good bad right or wrong?

#### Section 2

It's not all Orsini to me!

#### Section 3

Relationships emotions and ethics

#### Section 4

Ethics everyday

#### Section 5

Landscape with Weapon an allegory

#### Section 6

Conclusion

#### Section 7

Summary



# Georgia Institute of Technology

May 18, 2017

**NAYAN DAS**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

David J. Reardon  
Deans  
Office of Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/336WN6444505>  
Coursera has confirmed the identity of the instructor and their  
qualification in this course



DARDEN SCHOOL  
of BUSINESS

April 24, 2022

**NAYAN DAS**

Successfully completed

**Ethical Leadership Through Giving Voice to Values**

as your instructor's course submitted by University of Virginia and offered through  
Coursera

*May C. Justice*

May C. Justice  
Dean, Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certif/00848082052>

Coursera has confirmed the identity of this individual and their  
qualification in this course.



**UCI** Division of  
Continuing Education

Apr 19, 2022

**NAYAN DAS**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Nayan Das  
Division Chair

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/COURSERACERT>

Coursera has confirmed the identity of the individual and their  
qualification in this course



Spring 2017

**NAYAN DAS**

Successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "W. Robert Ralston".

Dr. W. Robert Ralston  
Professor & Director of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WHG7RMAN7222>

This record has been permanently identified with this unique ID number and is not subject to change.



Apr 13, 2021

**NAYAN DAS**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera

A handwritten signature in black ink, appearing to read 'Nayan Das', written over a horizontal line.

Nayan Das, 200 W. Lake Street, Suite 200, Marietta, GA 30066  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BSU20210413>

Coursera has confirmed the identity of the issuer and the qualifications of the course



Certificados de finalización emitidos por Udemy  
Certificados de finalización emitidos por Udemy  
Emitido el 13 de mayo de 2023

CERTIFICATE OF COMPLETION

# Python para no matemáticos: De 0 hasta reconocimiento facial

Instructores: Código 360, Academia Apps

**Nayan Das**

Date: May 13, 2023

Length: 8.5 total hours



Certificate no. 20-10012020-10000-0000-0000-0000  
Certificate no. 20-10012020-10000-0000-0000-0000  
Reference Number: 2020

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: **Horizon Tech**

**Nayan Das**

Date: **May 13, 2023**

Length: **9.5 total hours**





Certificate No. UC-Audible-1234-5678-91011121314  
Certificate of Completion of Audible-1234-5678-91011121314  
Issued on: 17/05/2023

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: **Yusuf Katz**

**Nayan Das**

Date: **May 17, 2023**

Length: **24 total hours**



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jan 29, 2022

**Gourab Bhattacharya**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korchmann*

Matthew A. Korchmann, PhD  
Assistant Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7C9HQTH8MHDA](https://coursera.org/verify/7C9HQTH8MHDA)

Coursera has certified the identity of this individual and their participation in the course.



February 2022

**Gourab Bhattacharya**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivpal*

Rajivpal Rajivpal PhD  
McCombs School of Business  
UT Austin School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/EMDNZTTWDS96](https://coursera.org/verify/EMDNZTTWDS96)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

150-20-1002

**Gourab Bhattacharya**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Ward, Duncan Pritchard, Yannis Liaras, Matthew Crummin, Allan Hazlett, Michael Stumm, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/L27LX26M5E3KH](https://coursera.org/verify/L27LX26M5E3KH)

Coursera has certified the identity of this individual and their  
participation in the course.



**Georgia Institute**  
**of Technology**

Dec 8, 2020

**Gourab Bhattacharya**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Deans  
OT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/n.GB7XPHGQAM](https://coursera.org/verify/n.GB7XPHGQAM)

Coursera has certified the identity of this individual and their participation in the course.



**Verified  
Certificate**



Maureen Longan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Gourab Bhattacharya**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued May 13, 2022

Valid Certificate ID  
[25cc320fa8314184e44e489167844a8d](https://courses.edx.org/certificates/25cc320fa8314184e44e489167844a8d)

# Verified Certificate



*Corinn Ryskamp*

Corinn Ryskamp

Program Manager, IBM Security Learning Services



This is to certify that

Gourab Bhattacharya

successfully completed and received a passing grade in

Cybfun.1.0: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 12, 2022

Valid Certificate ID  
[aa02448137c445ea7a7bc7aa07a20af](https://certificates.edx.org/certificates/aa02448137c445ea7a7bc7aa07a20af)

# Verified Certificate



This is to certify that

**Gourab Bhattacharya**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning  
initiative of The Linux Foundation.

---

A handwritten signature in black ink, appearing to read "Clyde Seepersad".

**Clyde Seepersad**

SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 13, 2022

Valid Certificate ID  
6d079beb219648dfb9e9fc7a2c91d916



Certificate no: UC-34a4550f-87ed-43f3-a478-26d725e9c596

Certificate url: [udemy.com/UC-34a4550f-87ed-43f3-a478-26d725e9c596](https://udemy.com/UC-34a4550f-87ed-43f3-a478-26d725e9c596)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Gourab Bhattacharya

Date **May 25, 2022**

Length **19.5 total hours**



Certificate no: UC-4422b858-2b4c-457c-9aef-18cad198c6a8

Certificate url: [ude.my/UC-4422b858-2b4c-457c-9aef-18cad198c6a8](https://ude.my/UC-4422b858-2b4c-457c-9aef-18cad198c6a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Gourab Bhattacharya

Date **July 21, 2021**

Length **35 total hours**





Certificate of Completion with certificate number 1234567890  
Certificate of completion awarded to Gourab Bhattacharya on 20 Nov 2021  
Reference Number: 1234567890

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors: Ivan Lourenço Gomes, Learn IT University, Andrii Platokha

**Gourab Bhattacharya**

Date: Nov. 20, 2021

Length: 17 total hours



# Certificate

We certify that Gourab Bhattacharya  
has completed the following courses on our platform:



C for Beginners with Carl Herold

11 hours 06 minutes - From 13/05/2023 to 13/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Gourab Bhattacharya

c632-2437215

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that Gourab Bhattacharya  
has completed the following courses on our platform:



Excel basic to advanced by Trump Excel

12 hours 34 minutes - From 13/05/2023 to 13/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Gourab Bhattacharya

c1092-2437215

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Gourab Bhattacharya**  
has completed the following courses on our platform:



**Chemistry Basics by Michel van Biezen**

16 hours 44 minutes - From 14/05/2023 to 14/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Gourab Bhattacharya

c816-2437215

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



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Berkeley, CA 94704, USA  
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CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructor: Harshad Tech

**Koushik Debnath**

Date: May 18, 2022

Length: 12.8 total hours.





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Minority and female employees are encouraged to apply.  
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CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructor: RealAcad Training

**Koushik Debnath**

Date: May 18, 2021

Length: 15.5 total hours



Udemy Inc. 2200 California Street, Suite 1000  
San Francisco, CA 94115-1701, United States of America  
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CERTIFICATE OF COMPLETION

# Configure NGINX on a Cloud Server: Digital Ocean & AWS

Instructor: **Yousang Training**

**Koushik Debnath**

Date: **May 16, 2023**

Length: **0.5 total hours**

CERTIFICATE OF COMPLETION

# Real time Automation+Manual Interview Questions with Answers

Instructor: [Jekkiyan Mahanty](#)

**Koushik Debnath**

Date: May 16, 2023

Length: 0.5 total hours

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Shantanu Taneja".

Shantanu Taneja  
Director, Training and Certification  
AmazonWebServices, AWS

This is to certify that

**GOURAV TIWARI**

successfully completed and received a passing grade in

**OTP AWS D5: AWS IoT Developing and  
Deploying an Internet of Things**

a course of study offered by **edX** an online learning  
initiative of AWS.



Verified Certificate  
Issued July 16, 2021

Valid Certificate ID  
33b2b47c11a4486b92c4c94622d29b06d

# Verified Certificate



This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Handwritten signature of Jerry Cooperstein in black ink.

Jerry Cooperstein, Ph. D.  
Training Program Director  
The Linux Foundation

Handwritten signature of Clyde Sepperson in black ink.

Clyde Sepperson  
General Manager, Training  
The Linux Foundation



Verified Certificate  
Issued July 28, 2021

Valid Certificate ID  
[g53e57be12594197907b4937480d5e9d](https://courses.edx.org/certificates/953e57be12594197907b4937480d5e9d)



# Verified Certificate

This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

## HUM12x: Masterpieces of World Literature

a course of study offered by HarvardX, an online learning initiative  
of Harvard University.



Verified Certificate  
Issued May 9, 2024

Valid Certificate ID  
62008222436a463fb116558d6e472d150

# HarvardX

Merlin Poehner  
Byron and Anna Wien Professor of Drama and of English and  
Comparative Literatures  
Harvard University

David Damrosch  
Ernest Beninbaum Professor of Literature  
Harvard University

# Verified Certificate



This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

## **OTP-AWS07: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.

Manveen Lomergat  
Director, Training and Certification  
Amazon Web Services (AWS)



**Verified Certificate**  
Issued May 4, 2023

**Valid Certificate ID**  
[Z9146035579433785ac31f300c325657\\_gm1"blqr4"\\_\\_ga"blTqrNc2Fyc3Mhucyjc2hJAN1Z"\\_\\_ga\\_D3eSukMD1TcmTY4M-cwR0Uyky-Ed\\_EuM1TY4M-cwR0Uyky-Ed](#)

# Verified Certificate



This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

## Cybfun.1.0: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of  
IBM.

Geeta Kishore

Program Manager, IBM Security Learning Services  
IBM



Verified Certificate  
Issued June 10, 2022

Valid Certificate ID

1889d320e58c4b02b52832722c267a3

# Verified Certificate



Rav Ahuja

AI and Data Science Program Director

IBM

This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.

**Verified Certificate**

Issued July 29, 2021

**Valid Certificate ID**

d9effd30b42740c8a8534e04909a2258





# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Saperston".

Clyde Saperston  
SVP and General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

**LFS167x: Introduction to Jenkins**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 5, 2023

Valid Certificate ID

Z75a3915a08c4421882d06d4050e87b7

# Verified Certificate



Clyde Saperston  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued May 5, 2023

**Valid Certificate ID**  
629190f6585cb3a569a34d3e170bc21873

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Beersgard".

Clyde Beersgard  
SVP & General Manager, Training & Certification  
The Linux Foundation

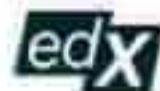
This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

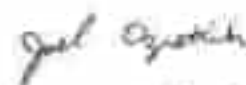


Verified Certificate  
Issued June 3, 2022

Valid Certificate ID  
[4d873b75426342b39e78ca8555ce68bf1](https://courses.linuxfoundation.org/certificates/4d873b75426342b39e78ca8555ce68bf1)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Ozewich

Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Gourav Tiwari**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning  
initiative of University of Washington.



Verified Certificate  
Issued July 26, 2021

Valid Certificate ID  
[a92e21069c2d48bee4da979c76576495](#)



Certificate no: UC-7e65e597-677e-42a3-9328-b40baefa7e11

Certificate url: [ude.my/UC-7e65e597-677e-42a3-9328-b40baefa7e11](https://ude.my/UC-7e65e597-677e-42a3-9328-b40baefa7e11)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2024]

Instructors **Kirill Eremenko, Hadelin de Ponteves, SuperDataScience Team, Ligency Team**

**Partha Maji**

Date **May 10, 2024**

Length **43 total hours**





March, 2023

**Md Akif Sk**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/C58GTWVF83E>

Coursera has certified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

May 2, 2023

Md Akif Sk

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/P2CMFVFN08072>

Coursera has certified the identity of this individual and their participation in the course.

April 5, 2017

**Md Akif Sk**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadiot, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Perperidis, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:  
<https://coursera.org/verify/8225DH28G07E>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate of Completion for the following  
Certificate of Completion for the following  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Complete Machine Learning with R Studio - ML for 2023

Instructors: Start-Tech Academy

**Surja Biswas**

Date: March 6, 2023

Length: 12 total hours



Certificate ID: 00000000000000000000000000000000  
Certificate of completion for course ID: 00000000000000000000000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors: Anton Voroniuk

**Surja Biswas**

Date: March 7, 2023

Length: 19.5 total hours





Certificate no: 12-854242-1611-656-2616-1138942217  
Certificate of Completion of the course HR Analytics using MS Excel for Human Resource Management  
Reference Number: 1228

CERTIFICATE OF COMPLETION

# HR Analytics using MS Excel for Human Resource Management

Instructors: Start-Tech Academy

**Surja Biswas**

Date: March 7, 2023

Length: 11 total hours



Certificate of Completion with Accredited Online Program  
Certificate with Accredited Online Program with Accredited Online Program  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 51 Days Challenge

Instructors: Ing. Tomas Mrazek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Surja Biswas**

Date: March 8, 2023

Length: 38 total hours



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CERTIFICATE OF COMPLETION

# **SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours**

Instructors: **Passive Income Gen 2**

**Arkadip Bepari**

Date: **March 17, 2023**

Length: **22 total hours**



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CERTIFICATE OF COMPLETION

# HTML, CSS & Python - Web Development Certification Course

Instructor: Kiran Dewshi

**Arkadip Bepari**

Date: March 17, 2020  
Length: 9.5 total hours



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CERTIFICATE OF COMPLETION

# The Complete Microsoft Word Course: Master Microsoft Word

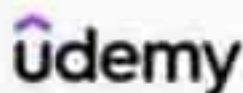
Instructors: Jan Ekhteyari, Tj Walker, Media Training Worldwide Digital

**Arkadip Bepari**

Date: April 21, 2023

Length: 9.5 total hours





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CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors: OCSALY Academy | 200,000+ Students

**Arkadip Bepari**

Date: May 16, 2023  
Length: 8.5 total hours



Certificate of Completion  
Certificate of Completion  
Reference Number: 1000

CERTIFICATE OF COMPLETION

# HTML 5, Python, Django And Flask Framework Full-Stack Course

Instructors: Horizon Tech

**Arkadip Bepari**

Date: May 27, 2023

Length: 14.5 total hours



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CERTIFICATE OF COMPLETION FOR THE COURSE  
HTML, CSS, React - Certification Course for Beginners

CERTIFICATE OF COMPLETION

# HTML, CSS, React - Certification Course for Beginners

Instructor: YouAzeel Training

**Arkadip Bepari**

Date: May 30, 2023

Length: 14.5 total hours



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CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructor: Horizon Tech

**Arkadip Bepari**

Date: May 16, 2024

Length: 9.5 total hours



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CERTIFICATE OF COMPLETION

# Easy WPF in C# Windows Presentation Foundation for Beginners

Instructor: Rashan Academy

**Arkadip Bepari**

Date: May 16, 2024

Length: 25.5 total hours





Certificate of Completion and 100% Satisfaction Guarantee  
Available for all courses completed by 10/31/2024  
Expires 10/31/2024

CERTIFICATE OF COMPLETION

# **(Oxford) Diploma in Art Therapy for Families/ Children**

Instructors: **Chris Sivewright, Almost Random Theatre**

**Arkadip Bepari**

Date: **May 17, 2024**

Length: **0.5 total hours**



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Certificate ID: udmycert-2024-05-17-12-5-10-11  
Issued on: May 17, 2024

CERTIFICATE OF COMPLETION

# Learn Chess in Hindi : Zero to Master Level

Instructor: Akhish Pandit

**Arkadip Bepari**

Date: May 17, 2024

Length: 12.5 total hours



# M UNIVERSITY OF MICHIGAN

May 10, 2024

PRITAM TUNG

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Department of Computer Science and Engineering

COURSE  
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Verify at:  
<https://coursera.org/verify/THRM130N057>

Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado  
Boulder

May 9, 2024

**PRITAM TUNG**

has successfully completed

**Introduction to Python Fundamentals**

an online non-credit course authorized by University of Colorado Boulder and offered  
through Coursera.

A handwritten signature in black ink, appearing to read 'Dr. W. S. Watson'.

Dr. W.  
S. Watson  
Data Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/c50541310501>

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participation in the course.





Certificate no: UC-0e0206e9-693a-47ff-b501-dbd7566bd2ee

Certificate url: [ude.my/UC-0e0206e9-693a-47ff-b501-dbd7566bd2ee](https://ude.my/UC-0e0206e9-693a-47ff-b501-dbd7566bd2ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Pritam Tung

Date **Dec. 8, 2023**

Length **77 total hours**



THE UNIVERSITY  
of EDINBURGH

Edinburgh

**MITRAJIT MAITY**

Edinburgh, Scotland

Introduction to Philosophy

Specialist Award conferred by the University of Edinburgh and Coursera

*Mitrajit Maity*  
2014-12-15

Specialist Award conferred by the University of Edinburgh and Coursera

COURSE  
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Presented to

**MITRAJIT MAITY**

has successfully completed

**Write Professional Emails in English**

course # [ENR1001](#) offered by Georgia Institute of Technology through Coursera

A handwritten signature in black ink, likely of the Dean, positioned above a horizontal line.

Dean  
School of Business  
Georgia Institute of Technology

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Atlanta, GA 30332  
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# UC SANTA CRUZ

PROFESSOR

**MITRAJIT MAITY**

ASSISTANT PROFESSOR

Computer Science Department  
Campus Box 245000  
Santa Cruz, CA 95068

Phone: (831) 437-5200  
Email: [maity@cs.ucsc.edu](mailto:maity@cs.ucsc.edu)

*Sra Polle*

Office: 2450  
Campus Box 245000  
Santa Cruz, CA 95068

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UC Santa Cruz  
Campus Box 245000  
Santa Cruz, CA 95068  
Phone: (831) 437-5200  
Email: [maity@cs.ucsc.edu](mailto:maity@cs.ucsc.edu)



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Certificate of Completion for **Pair of Linear Equations in Two Variables**  
Issued on: **May 31, 2023**

CERTIFICATE OF COMPLETION

# Become a master of Pair of Linear Equations in Two Variables

Instructors: **Lakshmi Narayana**

**Mitrajit Maity**

Date: **May 31, 2023**

Length: **16 total hours**





Certificate ID: UC-922948-4756-648-5481-025612324567  
Certificate URL: UC-922948-4756-648-5481-025612324567  
Issued on: May 21, 2023

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors: Md. A. Barik

**Mitrajit Maity**

Date: May 21, 2023

Length: 11.5 total hours



# Georgia Institute of Technology

Dec 12, 2022

**SAUPTIK BANERJEE**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/VX2WV27FGZ74V](https://coursera.org/verify/VX2WV27FGZ74V)

Coursera has certified the identity of this individual and their participation in the course.



Apr 19, 2022

SAUPTIK BANERJEE

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



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<https://coursera.org/verify/42G7FC998FEM>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

**SAUPTIK BANERJEE**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



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Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

**SAUPTIK BANERJEE**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', written over a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/0508172x3v49>

Coursera has confirmed the identity of this individual and their participation in the course.





## COURSE CERTIFICATE

Jan 7, 2023

# SAUPTIK BANERJEE

has successfully completed

## Psychological First Aid

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Haidt".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/US/17220NRCU5R](https://coursera.org/verify/US/17220NRCU5R)

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participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between this learner and PhD (word) or  
right of this learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera



Jan 7, 2023

**SAUPTIK BANERJEE**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/83W51G7NCRK6>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-58aa43f4-c6c7-46be-94f0-8673f636d191

Certificate url: [ude.my/UC-58aa43f4-c6c7-46be-94f0-8673f636d191](https://ude.my/UC-58aa43f4-c6c7-46be-94f0-8673f636d191)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Automation PyTest Course for 2023

Instructors **Martin Yanev, Plamen Yanev**

## Sauptik Banerjee

Date **May 13, 2023**

Length **9 total hours**



Certificate no: UC-d4390430-d751-4d74-8a4e-a0e0d076d517

Certificate url: [ude.my/UC-d4390430-d751-4d74-8a4e-a0e0d076d517](https://ude.my/UC-d4390430-d751-4d74-8a4e-a0e0d076d517)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PyCharm Productivity and Debugging Techniques

Instructors **Martin Yanev**

## Sauptik Banerjee

Date **May 11, 2023**

Length **9.5 total hours**





Certificate no: UC-95de20dd-3faa-4b4a-b6ce-2ed1979d281c

Certificate url: [ude.my/UC-95de20dd-3faa-4b4a-b6ce-2ed1979d281c](https://www.udemy.com/certificate/UC-95de20dd-3faa-4b4a-b6ce-2ed1979d281c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors **Web Coding**

## Sauptik Banerjee

Date **May 13, 2023**

Length **9.5 total hours**





Certificate no: UC-76686019-f1d6-459d-bc0d-88f7c3cf3a93

Certificate url: [ude.my/UC-76686019-f1d6-459d-bc0d-88f7c3cf3a93](https://ude.my/UC-76686019-f1d6-459d-bc0d-88f7c3cf3a93)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Looker Studio /Google Data Studio Complete Advanced Tutorial

Instructors **Prince Patni**

## Sauptik Banerjee

Date **May 13, 2023**

Length **11 total hours**



Certificate no: UC-650b732d-9553-46f2-b998-ff603367bf8b

Certificate url: [ude.my/UC-650b732d-9553-46f2-b998-ff603367bf8b](https://ude.my/UC-650b732d-9553-46f2-b998-ff603367bf8b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Sauptik Banerjee

Date **May 13, 2023**

Length **9.5 total hours**



# Certificate

We certify that **Subhrajit Mondal**  
has completed the following courses on our platform:



Management - Managerial Accounting by nptelhrd

31 hours 44 minutes - From 19/05/2024 to 19/05/2024

Adriaen Medeiros Gontim  
Executive Director - CURSA

Student Signature  
Subhrajit Mondal

u4292180

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

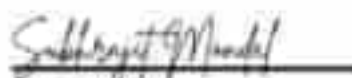
We certify that **Subhrajit Mondal**  
has completed the following courses on our platform:



**Human resource management concepts by Gregg Learning**

08 hours 13 minutes - From 19/05/2024 to 19/05/2024

  
Adilson Medeiros Duarte  
Executive Director - CURSA

  
Student Signature  
Subhrajit Mondal

u4292180

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [santato@cursa.app](mailto:santato@cursa.app)



Point the camera to  
verify authenticity



## Statement of participation

# Snehashis Kuri

has completed the free course including any mandatory tests for:

---

### Network security

This 25hour free course discussed network security and the intricacies of maintaining system resilience. It assumed an advanced knowledge of computing

---

**Issue date:** 11 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/digital-computing/network-security/content-section-8>

**COURSE CODE:** T823\_1



## Statement of participation

# Snehashis Kuri

has completed the free course including any mandatory tests for:

---

### Ethics in science?

This free 8-hour course looked at ethical dilemmas in science.

---

**Issue date:** 7 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points for the attainment of a University Qualification.  
This statement confirms that the free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details

<https://www.open.edu/openlearn/science-technology/pedagogy/science-technology-section-8>

**COURSE CODE:** S111\_F2



# CERTIFICATE OF COMPLETION

Presented to

**Snehashis Kuri**

For successfully completing a free online course  
**Data Science with Python**

Provided by

**Great Learning Academy**

27th May 2020

## Statement of participation

# Snehashis Kuri

has completed the free course including any mandatory tests for:

---

### Language and creativity

This 8-hour course introduced the relationship between language and creativity.

---

**Issue date:** 8 May 2024

[www.open.edu/openlearn](http://www.open.edu/openlearn)

The statement does not imply the award of credit points nor the conferment of a University Qualification.  
The statement confirms that the free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/language-and-creativity/course-8>

COURSE CODE: E302\_1

## Statement of participation

# Snehashis Kuri

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 11 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the completion of a University Qualification. This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/education-development/education-for-broking-ethics-information-and-computer-sciences/section-4>

COURSE CODE: ETHICS\_1



2013, 2014

**Aditi Paul**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

  
\_\_\_\_\_  
Instructor  
Georgia  
ITT Learning Centers

**COURSE  
CERTIFICATE**



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AMERICAN MUSEUM  
OF NATURAL HISTORY



Issue 2016-2017

**Aditi Paul**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History Howard  
Hughes Medical Institute and offered through Coursera

Aditi Paul  
Assistant Curator, Ecosystem Dynamics and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



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Expires 6/30/2017 and the validity of this certificate can only  
be confirmed at this course.



THE UNIVERSITY  
of EDINBURGH

1826-2026

**Aditi Paul**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

*Paul Andrew Blake*  
*John Thomas*

Paul Andrew Blake  
John Thomas  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/EDINBURGH12345](https://coursera.org/verify/EDINBURGH12345)

Coursera has confirmed the identity of this individual and their  
affiliation with the University of Edinburgh



2014-15-2015

**Aditi Paul**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajivpal Kapur*

Rajivpal Kapur, EdD  
Deputy Vice-Chancellor  
Academic Affairs

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/8811444PWR14](https://coursera.org/verify/8811444PWR14)

Download and conditions of service at [coursera.org/terms](https://coursera.org/terms) and [coursera.org/privacy](https://coursera.org/privacy)



University of Colorado

Boulder | Fort Collins | Denver | Business Medical Centers

Jan 21, 2022

**Aditi Paul**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online course with Coursera, a partner of University of Colorado Boulder and offered through Coursera.

**Matthew Kerschmann**

Associate Vice President  
Provost's Office  
Department of Communications  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



<https://coursera.org/verify/644188648532>

Coursera has validated the identity of this individual and their participation in this course.

# Verified Certificate




This is to certify that

**ADITI PAUL**

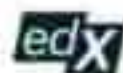
successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Joseph Kavanagh  
Data Scientist  
IBM



Verified Certificate  
Issued June 22, 2021

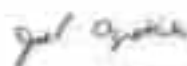
Valid Certificate ID  
<https://www.ibm.com/learning/certificates/verified/certificate/PY0101EN/ADITI%20PAUL>



# VERIFIED

CERTIFICATE *of* ACHIEVEMENT

**W** UNIVERSITY *of* WASHINGTON



Jeff Gannon

Learning, Assessment & Program Language Program  
University of Washington

This is to certify that

**ADITI PAUL**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of  
University of Washington.



VERIFIED CERTIFICATE  
Issued January 5, 2021

VERIFIED CERTIFICATE OF  
COMPLETION BY THE UNIVERSITY OF WASHINGTON



Certificate no: 25638422-6554-4294-85A07F77C33B  
Certificate url: <https://www.udacity.com/certificate/25638422-6554-4294-85A07F77C33B>  
Reference Number: 2563

CERTIFICATE OF COMPLETION

# Learn Flutter and Dart to create Android and IOS apps

Instructors: Code Warriors, Snehal Singh

**Aditi Paul**

Date: April 23, 2022

Length: 10 total hours



Certificate ID: 5a4d1071-10a-4040-8026-601026  
Certificate URL: <https://www.udacity.com/certificate/5a4d1071-10a-4040-8026-601026>  
Issued: April 28, 2022

CERTIFICATE OF COMPLETION

# Python Programming Complete Beginners Course Bootcamp 2022

Instructors: **Dmitry Yedunov**

**Aditi Paul**

Date: April 28, 2022

Length: 15.5 total hours

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read 'Elyse Simpson'.

Elyse Simpson  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**ADITI PAUL**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 29, 2022

Valid Certificate ID  
001906780a4d4621847300ca50829a12



CERTIFICATE OF COMPLETION FOR A Udemy COURSE  
Generated on 06/05/2022 10:56:00 AM  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Srinidhi Ranganathan, Saranya Srinidhi

**Aditi Paul**

Date: June 5, 2022

Length: 19.5 total hours







Certificate ID: UC-ART2023-6223-4071-5456-478027419601  
Certificate URL: <https://www.udacity.com/certificate/UC-ART2023-6223-4071-5456-478027419601>  
Issued on: May 3, 2023

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors: Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha

**Aditi Paul**

Date: May 3, 2023

Length: 17 total hours



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Business Number: 12345

CERTIFICATE OF COMPLETION

# Data Analyst Skillpath: Zero to Hero in Excel, SQL & Python

Instructors: Start-Tech Academy

**Aditi Paul**

Date: May 3, 2023

Length: 22 total hours



# Georgia Institute of Technology

Dec 30, 2021

**Amajit Mukherjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/3112301974316](https://coursera.org/verify/3112301974316)

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April 24, 2022

**Amajit Mukherjee**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UMHSR4SSPTVP>

Coursera has certified the identity of this individual and their participation in the course.





May 3, 2022

**Amajit Mukherjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DAMBLK10197E>

Coursera has verified the identity of this individual and their  
participation in the course.

**UCI** Division of  
Continuing Education

May 22, 2022

**Amajit Mukherjee**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera.



Diane Spiegel,  
Executive Coach

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/AAWGH6935nG77>

Coursera has certified the identity of this individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 21, 2021

**Amajit Mukherjee**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/C8ONUJ7X8PKP>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-adf4be77-d88d-4960-b9e1-116bb26e86db  
Certificate url: [ude.my/UC-adf4be77-d88d-4960-b9e1-116bb26e86db](https://ude.my/UC-adf4be77-d88d-4960-b9e1-116bb26e86db)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Python and Django Learning Guide

Instructors **Hassan Fulaih**

## **Amajit Mukherjee**

Date **May 26, 2022**

Length **9 total hours**



Certificate no: UC-udemy-2022-444-500-Cert26432971  
Certificate url: udemy/UC-udemy-2022-444-500-Cert26432971  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Web Development: 22 Courses in 1

Instructors: **Creative Online School**

**Amajit Mukherjee**

Date: **March 17, 2023**

Length: **11.5 total hours**





Certificate no: UC-c06d220e-1454-4560-8545-2aa1470e4720  
Certificate url: udemy/UC-c06d220e-1454-4560-8545-2aa1470e4720  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2023

Instructors: **Hemanth kumar**

**Amajit Mukherjee**

Date: **March 16, 2023**

Length: **17 total hours**



Certificate No. UC-10250276-8298-414e-4347-1000460248  
Certificate URL: <https://www.udacity.com/certificate/UC-10250276-8298-414e-4347-1000460248>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Game Development with PyGame | Real World Games

Instructors: **Martin Yanev, Plamen Yanev**

**Amajit Mukherjee**

Date: **March 14, 2023**

Length: **11 total hours**



Certificate no. UC-2a7af9a1-812b-4879-4d61-3a2220a49b1  
Certificate url: <https://www.udacity.com/UC-2a7af9a1-812b-4879-4d61-3a2220a49b1>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors: **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Amajit Mukherjee**

Date: **March 16, 2023**

Length: **32 total hours**

# M UNIVERSITY OF MICHIGAN

April 16, 2023

**Subhranil Mondal**

has successfully completed

**Introduction to CSS3**

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/EPH8M85F8V8>

Coursera has confirmed the identity of this individual and their participation in the course.

UC SANTA CRUZ

Feb 2, 2023

**Subhranil Mondal**

has successfully completed

**AI, Empathy & Ethics**

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Robert Lewis  
AI&Empathy and instructor

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UCR3735M46C>

Coursera has certified the identity of this individual and their  
participation in the course.





May 2, 2022

**Subhranil Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4962C7A6B94F>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April 27, 2022

**Subhranil Mondal**

has successfully completed

**Introduction to HTML5**

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/EE8MOJ7PTG8X>

Coursera has certified the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

May 5, 2023

Subhranil Mondal

has successfully completed

Interactivity with JavaScript

an online non-credit course authorized by University of Michigan and offered through  
Coursera



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/W38CGRRH3EWF>

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650501

To  
SUBHRANIL MONDAL  
KALYANNAGAR  
WEST BENGAL - 741245  
PH. NO :6285713829



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHRANIL MONDAL**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **78** %

Online Assignments	24.56/25	Programming Exam	25/25	Proctored Exam	28.19/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 7438

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





# Georgia Institute of Technology

Dec 7, 2022

**Subhranil Mondal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/D169NCMTMRYE>

Coursera has certified the identity of the individual and their participation in the course.





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUBHRANIL MONDAL**

for successfully completing the course

## Problem Solving Through Programming in C

with a consolidated score of **70** %

Online Assignments	24.94/25	Programming Assignment	25/25	Proctored Exam	20/50
--------------------	----------	------------------------	-------	----------------	-------

Total number of candidates certified in this course: **2015**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS101543260154

To validate the certificate



No. of credits recommended: 3 or 4



Certificate ID: UC-6387866-4071-4088-4226-464646464646  
Certificate URL: udemy.com/certificate/verify-credential/  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors: **Horizon Tech**

**Oindrilla Chattopadhyay**

Date: **Jan. 25, 2023**

Length: **13 total hours**



Udemy Inc. 300 4th Street, San Francisco, CA 94103  
Certificate ID: ud-cert-1023-1444444-0001-1444-1444-1444-1444-1444  
Reference Number: 0001

CERTIFICATE OF COMPLETION

# Secure Networking - A Company Network Project on Open-Source

Instructors: Seyed Farshid Miri, Seyed Farhad Miri

**Oindrilla Chattopadhyay**

Date: Jan. 27, 2023

Length: 15.5 total hours



Udemy Inc. 2200 California Street, Suite 100, San Francisco, CA 94133  
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Reference Number: 0000

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2022]**

Instructors: EdYoda Digital University, Ashish Pandey

**Oindrilla Chattopadhyay**

Date: Jan. 25, 2023

Length: 11 total hours



Certificate ID: UC-402476-426-000-00000000  
Certificate of Completion ID: UC-402476-426-000-00000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Time Series Analysis and Forecasting using Python

Instructor: **Start-Tech Academy**

**Oindrilla Chattopadhyay**

Date: **6 May 2022**

Length: **13.5 total hours**





Certificate ID: UC-8228848-889-874-486-702088487  
Certificate of Completion ID: UC-8228848-889-874-486-702088487  
Release Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: PROPER DOT INSTITUTE

**Oindrilla Chattopadhyay**

Date: Jan. 26, 2023

Length: 8 total hours



Udemy Inc. is an Equal Opportunity and Affirmative Action Employer.  
Certificate of Adobe Photoshop CC (Version 2021) with Adobe Photoshop  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop CC Fundamentals and Essentials Training

Instructors: **Stephen Koel Soren**

**Oindrilla Chattopadhyay**

Date: **6 May 2022**

Length: **8 total hours**



Udemy Inc. 2200 Market Street, Suite 900, San Francisco, CA 94102  
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Reference Number: 0000

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors: Jackson Kallath

**Oindrilla Chattopadhyay**

Date: Jan. 26, 2023

Length: 19.5 total hours

**Duke**  
UNIVERSITY

DEC 01, 2016

**OINDRILLA CHATTOPADHYAY**

Successfully completed

**Programming Foundations with JavaScript, HTML  
and CSS**

as a Duke University course with a grade of **A** offered through Coursera.



David H. Duke, Professor of Practice, Computer Science  
School of Engineering, Princeton University  
Duke University is an Equal Opportunity Institution.  
Princeton University, Department of Engineering and Applied Sciences

**COURSE  
CERTIFICATE**



661119 48 coursera.org/user/cy1000872085587

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3.00 credit

**OINDRILLA CHATTOPADHYAY**

Successfully completed

**C++ Basics: Selection and Iteration**

your online non-credit course authorized by Coursera and offered through OpenWU

Anshu Kumar  
Department of Computer Science  
University of Wisconsin - Stevens Point

Elizabeth M. Smith  
Department of Computer Science  
University of Wisconsin - Stevens Point

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/COURSERACERT>

Coursera has verified the identity of this individual and their performance in this course.





# Certificate

We certify that **Subhrajit Mondal**  
has completed the following courses on our platform:



**Management - Managerial Accounting by nptelhrd**

31 hours 44 minutes - From 19/05/2024 to 19/05/2024

Adria Medeiros Gontim  
Executive Director - CURSA

Student Signature  
Subhrajit Mondal

u4292180

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

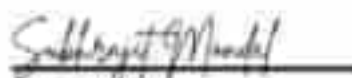
We certify that **Subhrajit Mondal**  
has completed the following courses on our platform:



Human resource management concepts by Gregg Learning

08 hours 13 minutes - From 19/05/2024 to 19/05/2024

  
Adilson Medeiros Duarte  
Executive Director - CURSA

  
Student Signature  
Subhrajit Mondal

u4292180

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [santato@cursa.app](mailto:santato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-540a4952-9186-4382-9096-d4c63d0a6eb6  
Certificate url: [ude.my/UC-540a4952-9186-4382-9096-d4c63d0a6eb6](https://ude.my/UC-540a4952-9186-4382-9096-d4c63d0a6eb6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master English Grammar - Advanced Level

Instructors **Dave Skypelessons**

## Arpan Saha

Date **May 22, 2023**

Length **34.5 total hours**



Certificate no: UC-a7466a3a-2e71-40d1-a08f-90daa9fcbf54

Certificate url: [ude.my/UC-a7466a3a-2e71-40d1-a08f-90daa9fcbf54](https://www.udemy.com/certificate/UC-a7466a3a-2e71-40d1-a08f-90daa9fcbf54)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

## Arpan Saha

Date **May 22, 2023**

Length **21.5 total hours**





Certificate no: UC-caaa9467-ddfa-4878-a932-a8c3401a98b5

Certificate url: [ude.my/UC-caaa9467-ddfa-4878-a932-a8c3401a98b5](https://ude.my/UC-caaa9467-ddfa-4878-a932-a8c3401a98b5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Graph Theory Algorithms in Java

Instructors **Md. A. Barik**

## Arpan Saha

Date **May 22, 2023**

Length **10 total hours**





Certificate no: UC-1529f7ac-3187-4b72-8df3-f2001398d5ba

Certificate url: [ude.my/UC-1529f7ac-3187-4b72-8df3-f2001398d5ba](https://udemy.com/certificate/UC-1529f7ac-3187-4b72-8df3-f2001398d5ba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

## Arpan Saha

Date **May 21, 2023**

Length **12.5 total hours**









Certificate no: UC-d9eeb2a4-5204-467f-8e34-4952c7d18150

Certificate url: [udemy.com/certificate/UC-d9eeb2a4-5204-467f-8e34-4952c7d18150](https://udemy.com/certificate/UC-d9eeb2a4-5204-467f-8e34-4952c7d18150)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Data Structures Using Python

Instructors **Surendra Varma Pericherla**

## Anchita Das

Date **May 7, 2024**

Length **8 total hours**





Certificate no: UC-97a1a915-ac51-4ecf-bf80-e606df5fb00e

Certificate url: [ude.my/UC-97a1a915-ac51-4ecf-bf80-e606df5fb00e](https://udemy.com/certificate/UC-97a1a915-ac51-4ecf-bf80-e606df5fb00e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Anchita Das**

Date **May 3, 2024**

Length **77 total hours**



Certificate ID: UC-40007e31-09e5-4611-eb60-846534f225e2  
Certificate URL: [www.udemy.com/certificate/UC-40007e31-09e5-4611-eb60-846534f225e2](https://www.udemy.com/certificate/UC-40007e31-09e5-4611-eb60-846534f225e2)  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

**Anchita Das**

Date **May 8, 2024**

Length **8 total hours**



Certificate no: UC-ddecfdb6-f1cb-407b-9582-48211d567699

Certificate url: [ude.my/UC-ddecfdb6-f1cb-407b-9582-48211d567699](https://udemy.com/certificate/UC-ddecfdb6-f1cb-407b-9582-48211d567699)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Somu Mazumder

Date **May 4, 2024**

Length **11.5 total hours**



Certificate no: UC-e1a1e1ca-6db6-49f5-8351-fee75bb03c32

Certificate url: [ude.my/UC-e1a1e1ca-6db6-49f5-8351-fee75bb03c32](https://ude.my/UC-e1a1e1ca-6db6-49f5-8351-fee75bb03c32)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SAT Digital English Prep Course | Reading, Writing, Language

Instructors **Nadeem Arain**

## Somu Mazumder

Date **May 4, 2024**

Length **26 total hours**



Certificate no. UC-822076-v44-476-204-6254224648  
Certificate url: <https://www.udacity.com/certificate/UC-822076-v44-476-204-6254224648>  
Reference Number: 0304

CERTIFICATE OF COMPLETION

# Complete Willpower Course - Build Self Control & Good Habits

Instructors **TJ Walker, Media Training Worldwide Digital**

**Sohona Mondal**

Date **May 26, 2023**

Length **8 total hours**





CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors **YouAccel Training**

**Sohona Mondal**

Date **May 25, 2023**

Length **13 total hours**



Certificate for UC: 07402026-0005-4001-0483-000000000000  
Certificate url: <https://www.udacity.com/certificate/07402026-0005-4001-0483-000000000000>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Two QuickBooks File-Business & Personal vs One File For Both

Instructors **Robert (Bob) Steele**

**Sohona Mondal**

Date **May 26, 2023**

Length **14 total hours**



Certificate ID: UC-A489W23-3-52-4032-1062-13421171426  
Certificate URL: <https://www.udacity.com/certificate/UC-A489W23-3-52-4032-1062-13421171426>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors **Horizon Tech**

**Sohona Mondal**

Date **May 25, 2023**

Length **13 total hours**



Certificate no: UC-1d97395d-2cb2-414f-a744-b626b7e3cf88

Certificate url: [ude.my/UC-1d97395d-2cb2-414f-a744-b626b7e3cf88](https://ude.my/UC-1d97395d-2cb2-414f-a744-b626b7e3cf88)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors **Web Coding**

## Tushnik Das

Date **May 5, 2023**

Length **9.5 total hours**



Certificate no: UC-3a54e58c-50c5-44cc-a8a1-33e43c44b76d

Certificate url: [ude.my/UC-3a54e58c-50c5-44cc-a8a1-33e43c44b76d](https://ude.my/UC-3a54e58c-50c5-44cc-a8a1-33e43c44b76d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 200.000+ Students

## Tushnik Das

Date **May 9, 2023**

Length **8.5 total hours**





Certificate no: UC-4846f79c-f2a9-49e3-9982-cd1cb92c3a13

Certificate url: [ude.my/UC-4846f79c-f2a9-49e3-9982-cd1cb92c3a13](https://ude.my/UC-4846f79c-f2a9-49e3-9982-cd1cb92c3a13)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Tushnik Das

Date **May 6, 2023**

Length **47 total hours**



Certificate no: UC-007278e4-a62f-4e4e-acd9-cfc65029c09e

Certificate url: [ude.my/UC-007278e4-a62f-4e4e-acd9-cfc65029c09e](https://udemy.com/certificate/UC-007278e4-a62f-4e4e-acd9-cfc65029c09e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C-content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Tushnik Das**

Date **April 14, 2023**

Length **11 total hours**



Certificate no: UC-7a7091d3-8734-40e5-91e6-dd340c386ae9  
Certificate url: [ude.my/UC-7a7091d3-8734-40e5-91e6-dd340c386ae9](https://ude.my/UC-7a7091d3-8734-40e5-91e6-dd340c386ae9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## **Krishna Chandra Ghosh**

Date **May 16, 2023**

Length **25 total hours**





Certificate no: UC-9123d14c-c2f0-4cf6-8930-cdee420a25c0  
Certificate url: [ude.my/UC-9123d14c-c2f0-4cf6-8930-cdee420a25c0](https://ude.my/UC-9123d14c-c2f0-4cf6-8930-cdee420a25c0)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

## Krishna Chandra Ghosh

Date **May 4, 2023**

Length **81.5 total hours**



Certificate no: UC-a8565c62-db05-4e46-9942-51c57527bd95

Certificate url: [ude.my/UC-a8565c62-db05-4e46-9942-51c57527bd95](https://ude.my/UC-a8565c62-db05-4e46-9942-51c57527bd95)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

## **Krishna Chandra Ghosh**

Date **May 16, 2023**

Length **16.5 total hours**





Certificate No: UC-99876543-201-4567-8910-1234567891011  
Certificate URL: udemy/certificate/UC-99876543-201-4567-8910-1234567891011  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructors: Robert (Bob) Steele

**Avijit Ghosh**

Date: May 6, 2023

Length: 17.5 total hours



Certificate no: UC-c9422263-d289-4-2e-af11-6ea179a4226  
Certificate url: <https://www.udemy.com/certificate/UC-c9422263-d289-4-2e-af11-6ea179a4226/>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing B2B Ultimate Digital Marketing Course 2023

Instructors: Dekker Fraser, MDA, Jyoti Galosmo

**Avijit Ghosh**

Date: May 7, 2023

Length: 49.5 total hours



Certificate no: UC 2022646-6562-436f-836f-6153226464  
Certificate url: udemy/C/20079646-6562-436f-836f-6153226464  
Kuliyama Number: 1000

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: Yusuuf Kati

**Avijit Ghosh**

Date: May 16, 2023

Length: 24 total hours



Certificate for UC-4429180-0029-A/24 4/22 4/22 4/22 4/22  
Certificate for UC-4429180-0029-A/24 4/22 4/22 4/22 4/22  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML, CSS & Python – Web Development Certification Course

Instructors: Kiran Gawali

## Avijit Ghosh

Date: May 17, 2023

Length: 0.5 total hours



**4TU.** Centre for Ethics  
and Technology

May 17, 2022

**Avijit Ghosh**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by EastWest University of Technology and  
4TU Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Avijit Ghosh", is written over a horizontal line.

Avijit Ghosh  
Associate Professor  
Executive Director of Technology

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.com/en/STUDY/AVIJITGHOSH>  
Coursera has certified your learning of this material and their  
participation in the course





Certificate UC 90935-938-468-06w 19279a77c  
Certificate of Udemy UC 90935-938-468-06w 19279a77c  
Subversion Number 0204

CERTIFICATE OF COMPLETION

# Mastering Data Magic : Power BI + Tableau + SQL , Analytics

Instructors **ZK Tutorials**

**Avijit Ghosh**

Date **May 5, 2024**

Length **24 total hours**



Certificate no: UC-Faahkaha-vf88-w-0a-4a0f-07b247d32a  
Certificate URL: udemy.com/Certificate-1770-4y0a-0a07-40b247d32a  
Reference Number: 3004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructors: Robert (Bob) Steele

**Avijit Ghosh**

Date: April 15, 2024

Length: 234 total hours



Certificate No: UC-4942882-8426-4946-4946-4946-4946-4946  
Certificate URL: https://www.udacity.com/certificate/UC-4942882-8426-4946-4946-4946-4946-4946  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Avijit Ghosh**

Date: March 30, 2024

Length: 12 total hours



**Georgia Institute**  
**of Technology**

June 6, 2024

**Sayan Adak**

has successfully completed

**Write Professional Emails in English**

an online self-paced course authorized by Georgia Institute of Technology and offered through Coursera

David J. Reardon  
Dean  
of Learning Analytics

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/US/024214974>

Coursera has verified the identity of this individual and their participation in this course.



THE UNIVERSITY  
of EDINBURGH

May 9, 2017

Sayan Adak

has successfully completed

Introduction to Philosophy

an online course credit course facilitated by The University of Edinburgh and offered  
through Coursera

Prof. David Gorman, Director of the Centre for Learning Innovation, School of Education, The University of Edinburgh  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify it!

<https://coursera.org/certificates/ETU0007147C>

Coursera has verified the identity of the individual and their participation in this course





July 12, 2024

# Sayan Adak

has successfully completed

## Successful Career Development

an online course offered through the University System of Georgia and offered through Coursera

The Honorable Elizabeth C. Rouse, Registrar  
University System of Georgia

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/certificate/26427180220>

Coursera has confirmed the identity of this individual and their participation in this course.

**UCI** Division of  
Continuing Education

July 9, 2024

**Sayan Adak**

has successfully completed

**Communication in the 21st Century Workplace**

an online self-paced course authorized by University of California, Irvine and offered  
through Coursera



Dr. Sayan Adak  
Director of UCI

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UCI/UCI/2024>

Coursera has confirmed the identity of the individual and their  
participation in this course

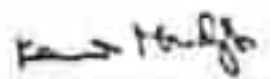


## Certificate for Completion of Introduction to Computers Training

This is to certify that **SAYAN ADAK** has successfully completed Introduction to Computers test organized at Hooghly Engineering & Technology College by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from Hooghly Engineering & Technology College invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Koushik M. Bhattacharya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

VANDERBILT  UNIVERSITY

COURSE  
CERTIFICATE

May 4, 2022

**Sayan Adak**

has successfully completed

**Introduction to Programming with MATLAB**

an online course created through partnership by Vanderbilt University and offered through  
Coursera



Sayan Adak  
Professor  
Department of Electrical Engineering and  
Computer Science

Dennis  
Professor  
Department of Electrical Engineering and Computer Science, Vanderbilt University

Verify at:

<https://vanderbilt.coursera.org/certificate/0987106571>

Coursera has verified the identity of the individual and their  
participation in this course.



Certificate no. UC-507716-002-464-0000-2700004646  
Certificate no. 464-000-2700004646-464-0000-2700004646  
Issued on 15/05/2023

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors: Robert (Bob) Steele

**Sayan Adak**

Date: May 15, 2023

Length: 29 total hours





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAYAN ADAK**  
for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **68** %

Online Assignments	24.75/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3749**

Jan-Apr 2023  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL23CS53543020169

To validate the certificate



No. of credits recommended: 3 or 4



May 23, 2021

**Ankita Das**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ETTHD63R97E>

Coursera has confirmed the identity of this individual and their participation in the course.



May 19, 2021

**Ankita Das**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EV7U9MB473H>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2022

**Ankita Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/WSWYNEL5348N](https://coursera.org/verify/WSWYNEL5348N)

Coursera has certified the identity of this individual and their participation in the course.



May 21, 2021

**Ankita Das**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghahai".

Martin Ghahai, Steven Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/230ZT8fns07P>

Coursera has certified the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 21, 2022

Ankita Das

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/T8TAPR102e>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-96c5967e-2d65-4bdd-b500-8c1d6be5067a

Certificate url: [uda.my/UC-96c5967e-2d65-4bdd-b500-8c1d6be5067a](https://uda.my/UC-96c5967e-2d65-4bdd-b500-8c1d6be5067a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CBT and Nutrition Ultimate Certification Course

Instructors **BS Academy**

**Ankita Das**

Date **March 29, 2023**

Length **10.5 total hours**



Certificate no: UC-81daea8a-c1a9-4794-8644-5f8bc956b805

Certificate url: [udemy.com/certificate/UC-81daea8a-c1a9-4794-8644-5f8bc956b805](https://udemy.com/certificate/UC-81daea8a-c1a9-4794-8644-5f8bc956b805)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors **Robert (Bob) Steele**

## **Ankita Das**

Date **April 3, 2023**

Length **21.5 total hours**





Certificate no: UC-4dda387d-064d-472b-ac24-2b90488d3f5a  
Certificate url: [ude.my/UC-4dda387d-064d-472b-ac24-2b90488d3f5a](https://ude.my/UC-4dda387d-064d-472b-ac24-2b90488d3f5a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Local SEO 2023 Made Simple & Fun + Google Maps & TripAdvisor

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Ankita Das**

Date **March 29, 2023**

Length **10.5 total hours**



Certificate no: UC-9cac91c4-c8b6-477a-a58c-ca2834974658

Certificate url: [udemy.com/certificate/UC-9cac91c4-c8b6-477a-a58c-ca2834974658](https://udemy.com/certificate/UC-9cac91c4-c8b6-477a-a58c-ca2834974658)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of Website Traffic 2023: SEO, Facebook Ads & Google Ads

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson, Hazel Owens**

## Ankita Das

Date **March 29, 2023**

Length **36 total hours**





Certificate no: UC-441b0a6a-9e00-4d0d-b051-122960e251d9

Certificate url: [ude.my/UC-441b0a6a-9e00-4d0d-b051-122960e251d9](https://ude.my/UC-441b0a6a-9e00-4d0d-b051-122960e251d9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Primavera P6 Project Planning and Scheduling Masterclass

Instructors **Basharat Bhatti**

**Ankita Das**

Date **May 14, 2024**

Length **16.5 total hours**



Certificate no: UC-407cc340-4afe-4784-a2ac-9c4a2836379d

Certificate url: [udemy.com/UC-407cc340-4afe-4784-a2ac-9c4a2836379d](https://udemy.com/UC-407cc340-4afe-4784-a2ac-9c4a2836379d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

**Ankita Das**

Date **May 8, 2024**

Length **8.5 total hours**



THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

May 15, 2021

**Arunava Chaki**

has successfully completed

**Python and Statistics for Financial Analysis**

an online educational course authorized by The Hong Kong University of Science and  
Technology and offered through Coursera

Signature

Printed Name

Signature of The Registrar, The Hong Kong University of Science and Technology

**COURSE  
CERTIFICATE**



<https://www.coursera.org/certificate>

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# **M** UNIVERSITY OF MICHIGAN

May 1, 2018

**Arunava Chaki**

arunava@umich.edu

**Applied Machine Learning in Python**

an online course offered by University of Michigan and Coursera

*KCT Rajan*

Dean, School of Engineering  
University of Michigan  
Ann Arbor, MI 48106

COURSE  
CERTIFICATE



[www.coursera.org/umich](http://www.coursera.org/umich)

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南京大學

NANJING UNIVERSITY

NO. 10000000000000000000

Arunava Chaki

10000000000000000000

Data Processing Using Python

10000000000000000000

ZHANG Li

10000000000000000000

COURSE  
CERTIFICATE



10000000000000000000

10000000000000000000



Duke  
UNIVERSITY

WELLS TO

**Arunava Chaki**

has successfully completed

**Introduction to Machine Learning**

as a result of which course is certified by Duke University and offered through Coursera

*Arunava Chaki*  
COURSERA

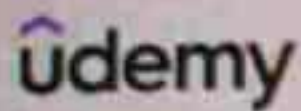
Signature  
Date  
Institution

COURSE  
CERTIFICATE



<https://www.coursera.org/verify/1234567890>

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CERTIFICATE OF COMPLETION

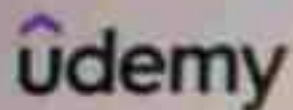
# Financial Accounting- Inventory & Merchandising Transactions

Instructor: Robert (Bob) Stevie

**Arunava Chaki**

Date: June 4, 2022

Length: 22 total hours



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CERTIFICATE OF COMPLETION

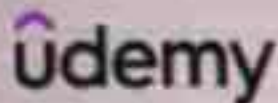
# QuickBooks Online 2023 Start to Finish

Instructor: Robert (Bob) Steele

**Arunava Chaki**

Date: Feb. 9, 2023

Length: 114 total hours



Udemy, Inc. 20000...  
20000...  
Udemy, Inc. 2000...

CERTIFICATE OF COMPLETION

# Front End Web Development Ultimate Guide

Instructors: Josh Warner, Learn Test

**Arunava Chaki**

Date: Feb. 15, 2023

Length: 82.5 total hours



Certificate no. UC-c221881-001c-47e0-9c2b-ed2e9140408  
Certificate url: udemy/UC-c221881-001c-47e0-9c2b-ed2e9140408  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy**

**Swarnali Mitra**

Date: **Dec. 22, 2023**

Length: **77 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SWARNALI MITRA**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **64** %

Online Assignments	17.92/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG17S558700054

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SWARNALI MITRA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **50** %

Online Assignments	18.03/25	Proctored Exam	31.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S658700147

To verify the certificate



No. of credits recommended: 3 or 4





May 4, 2020

**Pabitra Bera**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Chad', followed by a horizontal line.

Chad Perrowe  
Clinical Professor, School of Information  
Technology, University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/join/verify/UMMESH1006>  
Coursera has confirmed the identity of the individual and their participation in this course





Certificate of Completion: May 16, 2023  
Certificate of Completion: May 16, 2023  
Release Date: 2023

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: **Yusuf Katz**

**Pabitra Bera**

Date: **May 16, 2023**

Length: **24 total hours**





May 2, 2017

Suchira Chowdhury

has successfully completed

Programming for Everybody (Getting Started with Python)

an online course credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles W. Anderson  
Dean, School of Information  
Technology & Statistics

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/certificate/PLAD3M>  
Coursera has confirmed the identity of this individual and their participation in this program.



**4TU** Centre for Ethics  
and Technology

May 28, 2022

**Suchira Chowdhury**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU Ethics and offered through Coursera

Official Signature  
Head of Center  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



certify at:

<https://coursera.org/verify/21098511722>

Coursera has confirmed the identity of the individual and the  
authenticity of this certificate





Certificate no: UC-b3f587d4-cdf6-4f27-ae01-d6a7968cbbe5

Certificate url: [ude.my/UC-b3f587d4-cdf6-4f27-ae01-d6a7968cbbe5](https://ude.my/UC-b3f587d4-cdf6-4f27-ae01-d6a7968cbbe5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2024]

Instructors **Kirill Eremenko, Hadelin de Ponteves, SuperDataScience Team, Ligency Team**

## Subarno Sasmal

Date **May 12, 2024**

Length **43 total hours**







Certificate of Completion  
Certificate of Completion for the course Grokking Dynamic  
Programming: A Deep Dive Using Java  
Kushal Manna, 2024

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors: Md. A. Barik

**Kushal Manna**

Date: May 21, 2023

Length: 11.5 total hours



Certificate ID: 00000000000000000000000000000000  
Certificate URL: udacity.com/certificate/00000000000000000000000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors: **OZIS Academy**

**Kushal Manna**

Date: **May 30, 2023**

Length: **21.5 total hours**



Certificate ID: UC8P8566-7075-4246-4084-8007P856666  
Certificate URL: <https://www.udacity.com/certificate/UC8P8566-7075-4246-4084-8007P856666>  
Issuance Month: 2024

CERTIFICATE OF COMPLETION

# Master English Phrasal Verbs

Instructors: **Dave Skypetessors**

**Kushal Manna**

Date: **May 30, 2023**

Length: **35 total hours**



UNIVERSITY OF  
ALBERTA

Dec 17, 2022

Arkaprava Gangopadhyay

has successfully completed

Astro 101: Black Holes

an online non-credit course authorized by University of Alberta and offered through  
Coursera

Dr. Vikram Menon  
Assistant Professor  
Physics

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/ZL81TGOSPRME>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate no: UC-5a204b9f-b068-4485-aa41-f7dba72ba36d

Certificate url: [ude.my/UC-5a204b9f-b068-4485-aa41-f7dba72ba36d](https://ude.my/UC-5a204b9f-b068-4485-aa41-f7dba72ba36d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp for 2023

Instructors **Dr. Angela Yu**

## **Arkaprava Gangopadhyay**

Date **Jan. 21, 2023**

Length **64 total hours**





Certificate no: UC-5dee03bf-9ac4-44be-ac89-be5a006db54c  
Certificate url: [ude.my/UC-5dee03bf-9ac4-44be-ac89-be5a006db54c](https://udemy.com/UC-5dee03bf-9ac4-44be-ac89-be5a006db54c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors **Anton Voroniuk**

## **Arkaprava Gangopadhyay**

Date **April 18, 2023**

Length **20 total hours**

# **M** UNIVERSITY OF MICHIGAN


Apr 2, 2019

**ARKA PRATIM SAHA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Chair of Informatics, School of Information  
Systems, University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/UMICH/2019-04-02>

Coursera has confirmed the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

Apr 14, 2024

**ARKA PRATIM SAHA**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Delft University of Technology and  
4TU Online and offered through Coursera

Arka Pratim Saha  
Business Engineer  
Delft University of Technology

**COURSE  
CERTIFICATE**



Verify at

<https://coursera.org/verify/UNIVERSITY>

Coursera has confirmed the identity of this individual and they  
participated in this course.

# Yale

April 11, 2014

**ARKA PRATIM SAHA**

has successfully completed

**The Science of Well-Being**

An online non-credit course authorized by Yale University and offered through Coursera



Course Director  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at  
[coursera.org/verify/YALEIA2014RMT](https://coursera.org/verify/YALEIA2014RMT)

Coursera has verified the identity of the individual and their  
certification in the course.

This certificate has been digitally signed by the University of Yale. Any tampering with this certificate will be detected. The certificate is valid for 10 years. The certificate is valid for 10 years. The certificate is valid for 10 years. The certificate is valid for 10 years.



# Georgia Institute of Technology

Apr 21, 2023

**ARKA PRATIM SAHA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gary London  
Instructor  
GT Language Services

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/PG6372420123>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-ae7b3cfd-b0ca-4af0-960f-e6b3b8e9b463

Certificate url: [ude.my/UC-ae7b3cfd-b0ca-4af0-960f-e6b3b8e9b463](https://ude.my/UC-ae7b3cfd-b0ca-4af0-960f-e6b3b8e9b463)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Priyanka Banerjee

Date **April 5, 2024**

Length **77 total hours**



Certificate no: UC-6922200c-36f5-4b3f-8c5b-8f4afe5832f0

Certificate url: [ude.my/UC-6922200c-36f5-4b3f-8c5b-8f4afe5832f0](https://ude.my/UC-6922200c-36f5-4b3f-8c5b-8f4afe5832f0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors **Dr. Swati Chakraborty**

## Priyanka Banerjee

Date **May 11, 2024**

Length **8 total hours**



Certificate no: UC-0fa478d4-4c09-406f-9376-c72b4d38d998  
Certificate url: [ude.my/UC-0fa478d4-4c09-406f-9376-c72b4d38d998](https://ude.my/UC-0fa478d4-4c09-406f-9376-c72b4d38d998)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Development: Building Interactive Websites

Instructors **Metla Sudha Sekhar**

**Priyanka Banerjee**

Date **May 10, 2024**

Length **19.5 total hours**



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GAURAV SAHA**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **65** %

Online Assignments	24.81/25	Proctored Exam	40.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

Prof. Devendra Jaiswal  
Chairperson

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Anand Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543870111

To validate the certificate



No. of credits recommended: 3 or 4





**4TU** Centre for Ethics  
and Technology

May 9, 2023

**Gaurav Saha**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Beykers  
Alumni Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/PDRKOPLDPA17>

Coursera has confirmed the identity of this individual and their  
participation in the course



# M UNIVERSITY OF MICHIGAN

May 18, 2023

**Gaurav Saha**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/MEUAM0231DU>

Coursera has certified the identity of this individual and their participation in the course.



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY

May 9, 2007

**Gaurav Saha**

has successfully completed

**Training and Practicing in English Public Speaking**

an online non-credit course authorized by Shanghai Jiao Tong University and offered through Coursera.

*Alice Zhang*

Training and Practicing in English Public Speaking

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/552W62MV5F73>

Coursera has certified the identity of this individual and their participation in the course.



Mar 19, 2021

**Sayantika Das**

has successfully completed

**C++ Object Basics: Functions, Recursion, and Objects**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Handwritten signature of Ash Le.

Ash Le  
Curriculum Developer  
Codio

Handwritten signature of Elise M. Dietrich.

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:  
[coursera.org/verify/vT81QD5660L4](https://coursera.org/verify/vT81QD5660L4)

Coursera has certified the identity of this individual and their participation in the course.



Feb 23, 2022

**Sayantika Das**

has successfully completed

**C++ Basic Structures: Vectors, Pointers, Strings,  
and Files**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:  
[coursera.org/verify/EPVKa37L691R](https://coursera.org/verify/EPVKa37L691R)

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 2, 2022

**Sayantika Das**

has successfully completed

**C++ Basics: Selection and Iteration**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:  
[coursera.org/verify/01285VXK3V7U](https://coursera.org/verify/01285VXK3V7U)

Coursera has confirmed the identity of this individual and their participation in the course.





April 20, 2022

**Sayantika Das**

has successfully completed

**Object-Oriented C++: Inheritance and Encapsulation**

an online non-credit course authorized by Codigo and offered through Coursera

Evan Steinhilber, Curriculum Developer, Codigo  
Ardi La, Curriculum Developer, Codigo  
Ellen Detrick, PhD, VP of Product, Codigo

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DMUX0E635766>

Coursera has certified the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

Mar 5, 2022

# Sayantika Das

has successfully completed

## HTML, CSS, and Javascript for Web Developers

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Yakov Chaikin  
Adjunct Professor, Graduate Computer Science  
Whiting School of Engineering  
Johns Hopkins University

Verify at:  
[coursera.org/verify/BDTSI08MEU9](https://coursera.org/verify/BDTSI08MEU9)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and PhD (word) or  
right of this learner at JHU or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



Mar 9, 2022

**Sayantika Das**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



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[coursera.org/verify/fAWG3eF2X0SW](https://coursera.org/verify/fAWG3eF2X0SW)

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 26, 2021

**Sayantika Das**

has successfully completed

**Getting Started with AI using IBM Watson**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/csi8zw1xpgw166](https://coursera.org/verify/csi8zw1xpgw166)

Coursera has certified the identity of 194 individuals and their participation in the course.



Jul 10, 2022

**Sayantika Das**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santanocielo  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/IBMKS0W5aJ86Z>

Coursera has certified the identity of this individual and their participation in the course.





Jul 22, 2022

**Sayantika Das**

has successfully completed

**Building AI Applications with Watson APIs**

an online non-credit course authorized by IBM Skills Network and offered through  
Coursera

**COURSE  
CERTIFICATE**



*Antonio Cangiano*

Antonio Cangiano  
Software Developer and Technical Evangelist  
IBM Digital Business Group

*Tanmay Bakshi*

Tanmay Bakshi  
AI Evangelist & Watson Developer

Verify at:

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Coursera has certified the identity of this individual and their participation in the course.



Jan 21, 2023

**Sayantika Das**

has successfully completed

**Exploratory Data Analysis for Machine Learning**

an online non-credit course authorized by IBM Skills Network and offered through Coursera

**COURSE  
CERTIFICATE**



Joseph Santanocielo  
Senior Data Scientist  
IBM

Svillana  
Data Science Content Developer  
Skills Network

Verify at:

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Coursera has verified the identity of this individual and their participation in the course.



Mar 2, 2023

**Sayantika Das**

has successfully completed

**Supervised Machine Learning: Regression**

an online non-credit course authorized by IBM Skills Network and offered through  
Coursera

*Mark Oron Miguel M. Malvaric Scillano*

Mark Oron  
Miguel Malvaric  
Lara Kozma

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/EY82G3MT6ADM>

Coursera has certified the identity of this individual and their  
participation in the course.



Apr 9, 2022

**Sayantika Das**

has successfully completed

**Building AI Powered Chatbots Without Programming**

an online non-credit course authorized by IBM and offered through Coursera

*Antonio Cangiano*

Antonio Cangiano  
Software Developer and Technical Evangelist  
IBM Digital Business Group

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/DU0VHDF6183H>

Coursera has certified the identity of this individual and their participation in the course.



**MACQUARIE**  
University  
SYDNEY AUSTRALIA

May 1, 2016

**Ayushman Mazumdar**

has successfully completed

**Data Visualization in Excel**

an online non-credit course authorized by Macquarie University and offered through  
Coursera

**COURSE  
CERTIFICATE**



David Hill  
Vice-Chancellor  
Macquarie University

Peter Kinnear  
Deputy Vice-Chancellor, Academic & Learning  
Department of Economics, Law and Business Studies  
Macquarie University

ENR74 01  
<https://www.coursera.org/certificate/ENR7401>

Coursera has certified the ability of this individual, and their participation in the course.



# **I** ILLINOIS

May 6, 2014

**Ayushman Mazumdar**

has successfully completed

**Introduction to Sustainability**

an online non-credit course authorized by University of Illinois at Urbana-Champaign and  
offered through Coursera



Dr. Jonathan Boyer  
Associate Director  
Research Analytics Institute  
Chief of Data Systems and Governance  
University of Illinois

**COURSE  
CERTIFICATE**



Verify at:

<https://www.coursera.org/verify/certificate>

Coursera has verified the identity of this individual and their participation in the course.



Certificate ID: UC-20762076-4271488F-6281-4d71-8A800  
Certificate program ID: UC-20762076-0021-483F-6281-4d71-8A800  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors: **Horizon Tech**

**Smarak Pal**

Date: **May 11, 2024**

Length: **18.5 total hours**



Certificate no. UC-SM00000000-400-6170-0000000000  
Certificate of completion UC-SM00000000-400-6170-0000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Smarak Pal**

Date: **May 11, 2024**

Length: **8 total hours**

## Statement of participation

# Smarak Pal

has completed the free course including any mandatory tests for:

---

### Exploring languages and cultures

This 14-hour course looks at the benefits and challenges of meeting people from different cultures and how language and communities shape each other.

---

**Issue date:** 8 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification. The statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/language/exploring-languages-and-cultures/certificates>

COURSE CODE: L181\_1



# CERTIFICATE OF COMPLETION

Presented to

**Smarak Pal**

For successfully completing a free online course  
**Data Science with Python**

Provided by

**Great Learning Academy**

17th May 2019





Certificate no: UC-e2439651-c7ea-4e8c-9ca6-d1680bb402d4

Certificate url: [ude.my/UC-e2439651-c7ea-4e8c-9ca6-d1680bb402d4](https://udemy.com/certificate/UC-e2439651-c7ea-4e8c-9ca6-d1680bb402d4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Suchismita Chowdhury**

Date **May 9, 2023**

Length **8 total hours**



Certificate no: UC-edd1e450-b5ec-4215-8272-e4705b852b85

Certificate url: [ude.my/UC-edd1e450-b5ec-4215-8272-e4705b852b85](https://udemy.com/UC-edd1e450-b5ec-4215-8272-e4705b852b85)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Suchismita Chowdhury**

Date **May 14, 2023**

Length **11 total hours**



Certificate no: UC-a1f54e96-5210-4ceb-8649-5418ffd08ed6

Certificate url: [ude.my/UC-a1f54e96-5210-4ceb-8649-5418ffd08ed6](https://ude.my/UC-a1f54e96-5210-4ceb-8649-5418ffd08ed6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

**Suchismita Chowdhury**

Date **May 16, 2023**

Length **24 total hours**





Certificate no: UC-2ac8deb2-ad3c-4c5f-986f-4b881fd569bc

Certificate url: [ude.my/UC-2ac8deb2-ad3c-4c5f-986f-4b881fd569bc](https://ude.my/UC-2ac8deb2-ad3c-4c5f-986f-4b881fd569bc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

## Suchismita Chowdhury

Date **May 17, 2023**

Length **12.5 total hours**



May 16, 2018

**Debasmita Samanta**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online course made possible by University of Michigan's Open Source License

A handwritten signature in black ink, appearing to read 'Chad Coker', with a horizontal line extending to the right.

Chad Coker  
Dean, The Center for Digital Education  
University of Michigan

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For more information, contact us at [certificates@coursera.org](mailto:certificates@coursera.org)  
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**4TU** Centre for Ethics  
and Technology

has successfully completed

**Debasmita Samanta**

has successfully completed

**Ethics, Technology and Engineering**

an online self-paced course supported by Knowledge University of Technology and  
4TU Ethics and offered through Coursera

Course Provider  
Knowledge University of Technology  
Faculty of Technology

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Certificate ID: 19882047-8571-4078-9276-8666428407  
Certificate of completion for: 19882047-8571-4078-9276-8666428407  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructor: **Yusuf Kati**

**Debasmita Samanta**

Date: **May 17, 2023**

Length: **24 total hours**



Certificate of Completion  
Certificate of Completion  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Web Development Bootcamp with HTML CSS PHP MySQL Wordpress

Instructors: Marcus Menti, Zechariah Tech

**Debasmita Samanta**

Date: May 14, 2024

Length: 13.5 total hours









Udemy Inc. 3201 La Tijera Blvd. Suite 200 Los Angeles, CA 90008  
© 2023 Udemy Inc. All rights reserved. Privacy Policy Terms of Use  
Reference Number: 4285

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructors: **Robert (Bob) Steele**

**Debasmita Samanta**

Date: **May 6, 2023**

Length: **17.5 total hours**

---



Certificate no: UC-e55737cb-bf88-4909-91b7-9298e112645d

Certificate url: [udemy.com/certificate/UC-e55737cb-bf88-4909-91b7-9298e112645d](https://udemy.com/certificate/UC-e55737cb-bf88-4909-91b7-9298e112645d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Budgets – Managerial Accounting/Cost Accounting

Instructors **Robert (Bob) Steele**

## Sounak Ghosh

Date **Feb. 22, 2023**

Length **24.5 total hours**



Certificate no: UC-ddbd5ab1-d0ca-41ff-85e7-4c04f36d87d5  
Certificate url: [ude.my/UC-ddbd5ab1-d0ca-41ff-85e7-4c04f36d87d5](https://ude.my/UC-ddbd5ab1-d0ca-41ff-85e7-4c04f36d87d5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Statement Analysis – Ratio Analysis

Instructors **Robert (Bob) Steele**

## Sounak Ghosh

Date **Feb. 17, 2023**

Length **24.5 total hours**



Certificate no: UC-7b33de83-14df-46eb-b13d-4eb0dbd2805e

Certificate url: [ude.my/UC-7b33de83-14df-46eb-b13d-4eb0dbd2805e](https://ude.my/UC-7b33de83-14df-46eb-b13d-4eb0dbd2805e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Cost Volume Profit Analysis (CVP) – Managerial Accounting

Instructors **Robert (Bob) Steele**

## Sounak Ghosh

Date **Feb. 22, 2023**

Length **22 total hours**



Certificate no. UC-10000000-2023-0000-0000-000000000000  
Certificate of completion for course ID: 0000-0000-0000-000000000000  
Issued on: January 23, 2023

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: **Horizon Tech**

**Rahul Sadhukhan**

Date: **Jan. 23, 2023**

Length: **12.5 total hours**





Certificate no. UC-20220103-1001-824 with 2000000000  
Certificate no. UC-20220103-1001-824 with 2000000000  
Subscribed on 2024

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: Robert (Bob) Steele

**Rahul Sadhukhan**

Date: Jan. 3, 2023

Length: 22 total hours



Certificate of Completion  
Certificate ID: udemy/Certificate/6271852/646/1000000000  
Issued on: January 22, 2023

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2023

Instructors: Ing. Tomas Moravik | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson

**Rahul Sadhukhan**

Date: Jan. 22, 2023

Length: 76 total hours



Certificate ID: 8022706-2022-06-06-163-99456661  
Certificate ID: 8022706-2022-06-06-163-99456661  
Issued on: 06/06/2022

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors: Ing. Tomas Moravec | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Rahul Sadhukhan**

Date: June 6, 2022

Length: 28 total hours



Certificate ID: UC8694976-2201-4148-9946-94773328964  
Certificate URL: <https://www.udacity.com/certificate/UC8694976-2201-4148-9946-94773328964>  
Subsequent Number: 2024

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors: Hemant kumar

## Rahul Sadhukhan

Date: June 6, 2022

Length: 11 total hours



# ISB

Apr 17, 2022

## SNIGDHA GHOSHAL

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajagopal Raghunathan*

Rajagopal Raghunathan, PhD  
McCombs School of Business  
Indian School of Business

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/6VCBEZ23BJV5>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

Feb 17, 2022

**SNIGDHA GHOSHAL**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Creator/Director, Giving Voice To Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/7832DBV3NS4C](https://coursera.org/verify/7832DBV3NS4C)

Coursera has confirmed the identity of this individual and their  
participation in the course.





Mar 25, 2022

**SNIGDHA GHOSHAL**

has successfully completed

**Java Programming: Solving Problems with Software**

an online non-credit course authorized by Duke University and offered through Coursera

Four handwritten signatures in black ink, arranged horizontally from left to right.

Susan H. Rodgers, Owen Astrachan, Andrew D. Hilton, Robert Duvall

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/SYG93JYGVC2U](https://coursera.org/verify/SYG93JYGVC2U)

Coursera has confirmed the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

Apr 22, 2022

## SNIGDHA GHOSHAL

has successfully completed

### Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PC8OPTQRMZL2>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 1, 2021

## SNIGDHA GHOSHAL

has successfully completed

### Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gerry Landers  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/TZLJTE2G2S26](https://coursera.org/verify/TZLJTE2G2S26)  
Coursera has confirmed the identity of this individual and their participation in the course.



Apr 28, 2022

**SNIGDHA GHOSHAL**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through Coursera

**COURSE  
CERTIFICATE**



Handwritten signature of Akos Ledeczi in black ink.

Akos Ledeczi, Ph.D.  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

Handwritten signature of Michael Fitzpatrick in black ink.

Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

Verify at:  
<https://coursera.org/verify/4EUBAYKAVC3G>

Coursera has confirmed the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 7, 2022

**SNIGDHA GHOSHAL**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/5WXHV2UF9CVN>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-deb49d74-6901-44c4-9504-74c4ca37aa62

Certificate url: [udemy.com/UC-deb49d74-6901-44c4-9504-74c4ca37aa62](https://udemy.com/UC-deb49d74-6901-44c4-9504-74c4ca37aa62)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Course 2023 Learn by Python Projects & Python Quizzes

Instructors **Temotec Learning Academy**

## **Snigdha Ghoshal**

Date **Jan. 22, 2023**

Length **10.5 total hours**





Certificate no: UC-152ec373-a7f7-4235-99b5-6578a9ba5acb

Certificate url: [ude.my/UC-152ec373-a7f7-4235-99b5-6578a9ba5acb](https://ude.my/UC-152ec373-a7f7-4235-99b5-6578a9ba5acb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Data Science Prerequisites - Numpy - Pandas - Seaborn

Instructors **Jobshie Academy**

## Snigdha Ghoshal

Date **Jan. 22, 2023**

Length **8 total hours**



Certificate no: UC-42c11fbd-293b-49b6-9d0a-8a735daf35cc

Certificate url: [ude.my/UC-42c11fbd-293b-49b6-9d0a-8a735daf35cc](https://ude.my/UC-42c11fbd-293b-49b6-9d0a-8a735daf35cc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Social Media Marketing Advertising 2023: Get More Customers!

Instructors **Dekker Fraser, MBA**

## **Snigdha Ghoshal**

Date **April 2, 2023**

Length **22 total hours**



Certificate no: UC-1566756-7377-4026-4456-786c7402a001  
Certificate url: <https://www.udacity.com/certificate/UC-1566756-7377-4026-4456-786c7402a001>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Environment and Ethics: A Basic Course

Instructors **Dr. Swati Chakraborty**

**Sayantika Choudhuri**

Date **May 10, 2024**

Length **9 total hours**





Certificate No. UC-01045605-af89-4836-b078-0540618775e9

Certificate ID: udemy/UC-01045605-af89-4836-b078-0540618775e9

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**Sayantika Choudhuri**

Date **May 10, 2024**

Length **12.5 total hours**



Certificate ID: udmy/C/26r0M73-4204-4475-6rui-4pocw6u388  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Syantika Choudhuri**

Date **May 10, 2024**

Length **77 total hours**



Certificate no. UC-87864173466-4260-0703-87864173466  
Certificate no. UC-87864173466-4260-0703-87864173466  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Guide to setup Hadoop and Spark Cluster using CDH

Instructors: **Durga Viswanatha Raju Gadiraju, Kavitha Penmetsa**

**Sayantika Choudhuri**

Date: **April 16, 2024**

Length: **21 total hours**



CERTIFICATE OF COMPLETION

# Python For Data Science A-Z: EDA With Real Exercises In 2024

Instructor: Pruthviraja L.

**Soham Mondal**

Date: May 7, 2024

Length: 10 total hours

## Statement of participation

# Soham Mondal

has completed the free course including any mandatory tests for:

---

### English in the world today

This 8-hour free course explained why it is that the English language continues to be such an important social and political instrument worldwide.

---

**Issue date:** 8 May 2024

[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferral of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.  
<https://www.open.edu/openlearn/languages/english-language/english-the-world-today/course-section-8>

COURSE CODE: U214\_1



## Statement of participation

# Soham Mondal

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 11 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

The statement does not imply the award of credit points nor the conferment of a University Qualification. The statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/course-section-4>

COURSE CODE: ETHICS\_1



Certificate no: UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa

Certificate url: [ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa](https://ude.my/UC-495e3917-db56-4f2c-84e7-b5a42bb9adaa)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Ritesh Jana**

Date **May 11, 2024**

Length **40 total hours**



Certificate no: UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c

Certificate url: [ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c](https://ude.my/UC-7ab65d2a-7a90-4464-aaaa-88641e9e0b3c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Video Creation, YouTube Marketing & ChatGPT Course

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Ritesh jana**

Date **May 11, 2024**

Length **19 total hours**





Certificate no: UC-048f0127-e21c-4d87-9c9a-5854d25c06bf

Certificate url: [ude.my/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf](https://udemy.com/UC-048f0127-e21c-4d87-9c9a-5854d25c06bf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud Professional Cloud Architect: GCP Certification

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

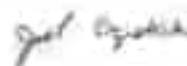
## Ritesh Jana

Date **May 11, 2024**

Length **22.5 total hours**

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Szymanski

Lecturer, International & English Language Programs  
University of Washington

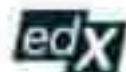
This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued January 10, 2017

Valid Certificate ID:  
12a71288302447a7c77568c9e9a7181a



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Lomgat".

**Mounir Lomgat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued February 16, 2021

Unique Certificate ID  
079e342e05a04800ee0809e045c093

**Verified**  
Certificate



  
Jayant Venkatesh  
Data Scientist  
IBM

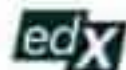
This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued June 20, 2021

Valid Certificate ID  
[CertID:003ar54087c3ee47c2570a8003](#)

*Douglas K. King*

Professor Emeritus

Douglas K. King, Professor of Educational Leadership,  
Harvard University

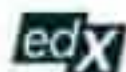
This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued June 19, 2021

Valid Certificate ID  
<https://ed.org/certificates/verified/6888678c-1c>

**Verified  
Certificate**



This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cypto Sengupta'.

Cypto Sengupta  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 28, 2021

Valid Certificate ID  
12baa158418af808e2eae993c0c0ca03



26 Jun, 2022

**Digdorshee Ghosal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivasthane*

Rajivpal Rajivasthane, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/73WDR7X7PRPG](https://coursera.org/verify/73WDR7X7PRPG)

Coursera has certified the identity of this individual and their participation in the course.





AMERICAN MUSEUM  
OF NATURAL HISTORY



30 JUN 2022

**Digdorshee Ghosal**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Pinescinski  
Director, Center for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/6VNGW8K62N59](https://coursera.org/verify/6VNGW8K62N59)

Coursera has confirmed the identity of this individual and their participation in the course.

**Verified**  
Certificate

**DelftX**

This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**CTB3365DWx: Drinking Water Treatment**

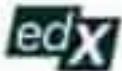
a course of study offered by DelftX, an online learning initiative of Delft University of Technology.



Loek Richard  
Professor in Urban Water Cycle Technology  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



Delfien Marie  
Assistant Professor in Drinking Water  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



Verified Certificate  
issued May 14, 2022

Valid Certificate ID  
0822925c233b632be03f249e0c8d6c1

This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

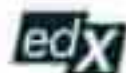
a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Disha Bhowmik

SVP & General Manager, Training & Certification

The Linux Foundation



Verified Certificate  
Issued May 7, 2022

Valid Certificate ID  
[94811381e4f2e462e3648b66208b128772](#)

# **M** UNIVERSITY OF MICHIGAN

May 12, 2023

Digdorshee Ghosal

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/24GT40888H4X>

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Sempstead

SVP & General Manager, Training & Certification

*The Linux Foundation*



Verified Certificate

Issued May 12, 2023

Valid Certificate ID

[482c783ff1034718803fcdca7708e553](#)



# Verified Certificate



This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

## LFS151.x: Introduction to Cloud Infrastructure Technologies

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read "Clyde Tempezaud".

Clyde Tempezaud  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate:  
Issued February 29, 2024

Valid Certificate ID:  
419a11b6d1164ac6815c44a5e006a5aa2

# Verified Certificate



Manoj Kumar  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Digdorshee Ghosal**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate

Issued February 29, 2024

Valid Certificate ID

[dc04b0286fb54973b26a60422401fda3](#)



## Certificate of Achievement

# Gitam Karmakar

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



Audrey Buller  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Manoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



Certificate no: UC-144bd3e8-742a-422c-8976-9eb18c07ec2f

Certificate url: [ude.my/UC-144bd3e8-742a-422c-8976-9eb18c07ec2f](https://udemy.com/certificate/UC-144bd3e8-742a-422c-8976-9eb18c07ec2f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

**Gitam Karmakar**

Date **May 5, 2022**

Length **11 total hours**



Certificate no: UC-0b77ac9a-baae-465f-9596-7d8493b7ee02

Certificate url: [ude.my/UC-0b77ac9a-baae-465f-9596-7d8493b7ee02](https://udemy.com/UC-0b77ac9a-baae-465f-9596-7d8493b7ee02)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Figma Megacourse: UI/UX Design Beginner to Expert

Instructors **Creativity Unleashed**

## Gitam Karmakar

Date **May 5, 2022**

Length **24 total hours**





Certificate no: UC-f12e0cbb-173c-4c96-be32-f0b6d15b7d40  
Certificate url: [ude.my/UC-f12e0cbb-173c-4c96-be32-f0b6d15b7d40](https://ude.my/UC-f12e0cbb-173c-4c96-be32-f0b6d15b7d40)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Gitam Karmakar**

Date **May 6, 2024**

Length **40 total hours**



Certificate no: UC-b7a9add6-f62b-42ee-b12f-a312df118de9

Certificate url: [ude.my/UC-b7a9add6-f62b-42ee-b12f-a312df118de9](https://ude.my/UC-b7a9add6-f62b-42ee-b12f-a312df118de9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop CC Fundamentals and Essentials Training

Instructors **Stephen Koel Soren**

**Gitam Karmakar**

Date **May 5, 2022**

Length **8 total hours**



Certificate no: UC-1ea67e0f-1be7-4a52-818e-804db3cc0a45

Certificate url: [ude.my/UC-1ea67e0f-1be7-4a52-818e-804db3cc0a45](https://ude.my/UC-1ea67e0f-1be7-4a52-818e-804db3cc0a45)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 - The Master in Web Development (Backend & Frontend)

Instructors **Faisal Zamir, Jafri Code**

## **Gitam Karmakar**

Date **Feb. 8, 2023**

Length **39 total hours**





Certificate no: UC-0b286451-4e60-4f70-8053-8b3f1b984978  
Certificate url: [ude.my/UC-0b286451-4e60-4f70-8053-8b3f1b984978](https://ude.my/UC-0b286451-4e60-4f70-8053-8b3f1b984978)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Gitam Karmakar**

Date **May 5, 2022**

Length **8 total hours**



Certificate no: UC-61a54732-93fe-48b6-bb43-0cf674a99291

Certificate url: [ude.my/UC-61a54732-93fe-48b6-bb43-0cf674a99291](https://ude.my/UC-61a54732-93fe-48b6-bb43-0cf674a99291)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HR Analytics using MS Excel for Human Resource Management

Instructors **Start-Tech Academy**

**Gitam Karmakar**

Date **May 5, 2022**

Length **10 total hours**



**Verified**  
Certificate



  
Jayesh Venkatesh  
Data Scientist  
IBM

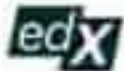
This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued January 25, 2021

Valid Certificate ID  
123254378135402456789012345678901



THE UNIVERSITY  
*of* EDINBURGH

Jan 30, 2022

**Shrijon Basu**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Yulia Lomada, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/X2DAR4G6Z8116](https://coursera.org/verify/X2DAR4G6Z8116)

Coursera has certified the identity of this individual and their  
participation in the course.



Jan 29, 2022

**Shrijon Basu**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

Ranjiv Ranjan PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/77A0ETBE3Q65](https://coursera.org/verify/77A0ETBE3Q65)

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 27, 2021

**Shrijon Basu**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/55RWRHWNWDD5](https://coursera.org/verify/55RWRHWNWDD5)

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued February 1, 2021

Valid Certificate ID  
c2f9e3e8ae0f6f20c1f0854012772010e



**Verified  
Certificate**

**Harvard**X

*Dwight A. King*

**Associate Professor**

Dwight A. King Research Professor of Educational Leadership

Harvard University

This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate  
Issued January 16, 2021

Valid Certificate ID  
[182430027718078868800761222](https://ed.x/certificates/182430027718078868800761222)

**Verified**  
Certificate



This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Disha Bose'.

Disha Bose

VVP & General Manager, Training & Certification

The Linux Foundation



Verified Certificate  
issued January 8, 2022

Valid Certificate ID  
<https://2022.linuxfoundation.org/certificates>

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Loungui".

**Mounir Loungui**

Director, Training and Certification

Alexia West Services (AWS)

This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud  
Security**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued April 28, 2022

Valid Certificate ID  
[352780076a180549c0f0a890a60551026](#)



Certificate no: UC-ca41ec59-9e4d-4126-8a8e-7a1689a51c71

Certificate url: [ude.my/UC-ca41ec59-9e4d-4126-8a8e-7a1689a51c71](https://ude.my/UC-ca41ec59-9e4d-4126-8a8e-7a1689a51c71)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors **Hemanth kumar**

## Shrijon Basu

Date **Jan. 23, 2023**

Length **45.5 total hours**

**Verified  
Certificate**



This is to certify that

**Shrijon Basu**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Cypto Neeraj  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued January 22, 2023

Valid Certificate ID:  
c0306e2987344a808e6d872c872e042a





Certificate no: UC-c21c985-4146-4190-a076-9b5a5a02b6c5  
Certificate url: udacity.my/UC-c21c985-4146-4190-a076-9b5a5a02b6c5  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter & Firebase Chat App: Master Flutter and Firebase

Instructors: **Hussain Mustafa**

**Pranab Kumar Chari**

Date: **May 6, 2024**

Length: **10.5 total hours**



Certificate no: UC-5402ac31-wd9-4921-493e-50844d75ca7  
Certificate url: <https://www.udacity.com/certificate/UC-5402ac31-wd9-4921-493e-50844d75ca7>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django REST API Bootcamp - Build A Python Web API

Instructors: **Hussain Mustafa**

**Pranab Kumar Chari**

Date: **May 6, 2024**

Length: **8 total hours**



Certificate ID: UC-877e22af-c28d-491c-855d-628927a2979d  
Certificate URL: [www.udemy.com/certificate/UC-877e22af-c28d-491c-855d-628927a2979d](https://www.udemy.com/certificate/UC-877e22af-c28d-491c-855d-628927a2979d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Individual Income Tax Form 1040 Comprehensive Problem

Instructors: **Robert (Bob) Steele**

**Pranab Kumar Chari**

Date: **May 6, 2024**

Length: **8 total hours**



Certificate ID: UC-6564353c-492b-4d31-baaf-e702a2714a85  
Certificate URL: <https://www.udemy.com/certificate/UC-6564353c-492b-4d31-baaf-e702a2714a85>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Human Resources Management

Instructors: **MTF Institute of Management, Technology and Finance**

**Pranab Kumar Chari**

Date: **May 6, 2024**

Length: **11.5 total hours**



Certificate no: UC-88975e55-4d7b-4752-b0d1-7e6b256b6a3  
Certificate url: <https://www.udemy.com/certificate/UC-88975e55-4d7b-4752-b0d1-7e6b256b6a3>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Ethical Hacking Masterclass: Go from Zero to Hero

Instructors: **World's Biggest & Best Courses**

**Pranab Kumar Chari**

Date: **May 5, 2024**

Length: **130 total hours**





Certificate of Completion for 404-875-875875875  
Certificate of Completion for 404-875-875875875  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors: Robert (Bob) Steele

**Argha Kar**

Date: May 15, 2023

Length: 28 total hours



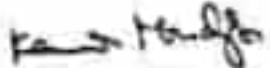
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ARGHA KAR** has successfully completed Introduction to Computers test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kousik K. Ghosh  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT,  
Ministry of Education (previously MHRD), Govt. of India



**VANDERBILT  
UNIVERSITY**

**COURSE  
CERTIFICATE**

This course

**Argha Kar**

has successfully completed

**Introduction to Programming with MATLAB**

provided through the course website by the instructor(s) and all other design  
elements.



Argha Kar  
Student  
Introduction to Programming with MATLAB  
MATLAB

Professor(s)  
Introduction to Programming with MATLAB  
MATLAB

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consent of Coursera Inc.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650039

To  
ARGHA KAR  
POLBA GADPLM SUBDISTRICT  
WEST BENGAL - 712102  
PH. NO. 839654225



Score	Type of Certificate
$\geq 90$	Elite+Dist
75-89	Elite+Dist
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the university awards it, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ARGHA KAR**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **69 %**

Online Assignments	24.25/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

*Devendra Jaiswal*

Prof. Devendra Jaiswal  
Chairman  
Center for Computing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thompson*

Prof. Andrew Thompson  
NPTEL Course Director  
IIT Madras



Indian Institute of Technology Madras





THE UNIVERSITY  
of EDINBURGH

June 6, 2022

**Argha Kar**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera.

*Paul Andrew Black, M.A., Ph.D.*  
*Professor of Philosophy*

Paul Andrew Black, M.A., Ph.D., Professor of Philosophy, School of Divinity, Theology and Philosophy, University of Edinburgh

COURSE  
CERTIFICATE



66774 22

<https://coursera.org/certificate/66774-22>

Edinburgh has certified you the holder of this individual and their contribution to the course.





On to you

**Argha Kar**

has successfully completed

**Write Professional Email in English**

and is now eligible to receive a Certificate of Completion and Award of Credit.

A handwritten signature in black ink, appearing to read "Argha Kar".

Instructor  
Date  
Signature

**COURSE  
CERTIFICATE**



Georgia  
**INSTITUTE OF TECHNOLOGY**  
College of Business Administration and Economics  
Atlanta, Georgia 30332-0340



Certificate no: UC-621e45be-e6b2-429a-8de2-d52dd39ce426  
Certificate url: [ude.my/UC-621e45be-e6b2-429a-8de2-d52dd39ce426](https://ude.my/UC-621e45be-e6b2-429a-8de2-d52dd39ce426)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Prachi Sinha**

Date **May 11, 2024**

Length **40 total hours**



Certificate no: UC-b105de06-13cf-40e4-9f98-8f006fc2b32d

Certificate url: [ude.my/UC-b105de06-13cf-40e4-9f98-8f006fc2b32d](https://ude.my/UC-b105de06-13cf-40e4-9f98-8f006fc2b32d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Diploma in Quantity Surveying & Cost Estimation With AutoCAD

Instructors **Akshay Kamath**

**Prachi Sinha**

Date **May 11, 2024**

Length **54.5 total hours**



**4TU** Centre for Ethics  
and Technology.

May 8, 2024

**Samir Shaw**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alumnus Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/5582v888fVv88>

Coursera has verified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 10, 2024

**Samir Shaw**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/578885G48554>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-c8fe4dcb-2a67-40b7-980c-c3acd8fedc63

Certificate url: [ude.my/UC-c8fe4dcb-2a67-40b7-980c-c3acd8fedc63](https://udemy.com/certificate/UC-c8fe4dcb-2a67-40b7-980c-c3acd8fedc63)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

## Samir Shaw

Date **May 7, 2024**

Length **12.5 total hours**



Certificate no: UC-a388115b-cbd7-4170-9682-2769a2fe5fe4

Certificate url: [ude.my/UC-a388115b-cbd7-4170-9682-2769a2fe5fe4](https://ude.my/UC-a388115b-cbd7-4170-9682-2769a2fe5fe4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

## Samir Shaw

Date **May 7, 2024**

Length **13 total hours**



Certificate no: UC-60587a4d-8e5a-4859-8aa0-ba6bd6cc2792

Certificate url: [uda.my/UC-60587a4d-8e5a-4859-8aa0-ba6bd6cc2792](https://uda.my/UC-60587a4d-8e5a-4859-8aa0-ba6bd6cc2792)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Samir Shaw

Date **May 7, 2024**

Length **12 total hours**



Certificate no: UC-f01fdb93-7b4b-4baf-be19-baebb91c7756

Certificate url: [ude.my/UC-f01fdb93-7b4b-4baf-be19-baebb91c7756](https://udemy.com/UC-f01fdb93-7b4b-4baf-be19-baebb91c7756)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO**

## Samir Shaw

Date **May 11, 2024**

Length **8.5 total hours**





**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

May 11, 2024

**Samir Shaw**

has successfully completed

**Introduction to Cyber Attacks**

an online non-credit course authorized by New York University and offered through  
Coursera



*Edward G. Amaro*

Dr. Edward G. Amaro  
Senior Lecturer, NYU and CEO, TSO Cyber LLC  
Computer Science

Verify at:  
<https://coursera.org/verify/WB5CB07VHx3t>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no. CE-00000001-2022-0606-076-6-00000-0001  
Certificate of completion for course 076-6-00000-0001  
Issued on 06/06/2022

CERTIFICATE OF COMPLETION

# Financial Accounting-Adjusting Entries & Financial Statement

Instructors: Robert (Bob) Steele

**Susmita Ghosh**

Date: June 8, 2022

Length: 12 total hours



Certificate of Completion with 4284 4273 004260004  
Certificate of Completion with 4284 4273 004260004  
Autodesk Revit - 2022

CERTIFICATE OF COMPLETION

# Autodesk Revit - beginner to an intermediate level

Instructors: **515 Studio**

**Susmita Ghosh**

Date: **June 8, 2022**

Length: **8 total hours**



Certificate for UC Berkeley 2022-2023  
Certificate of Completion for UC Berkeley 2022-2023  
Release Date: 2022

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: Robert (Bob) Steele

**Susmita Ghosh**

Date: June 8, 2022

Length: 22 total hours



Certificate of Completion  
for the course  
Professional Adobe Photoshop  
CC Course With Advance  
Training

CERTIFICATE OF COMPLETION

# Professional Adobe Photoshop CC Course With Advance Training

Instructor: Stephen Koel Soren

**Susmita Ghosh**

Date: June 8, 2022

Length: 10.5 total hours



Certificate no. UC-2023-0511-1000-4000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/UC-2023-0511-1000-4000-0000-000000000000](#)  
Issued on: 18/05/2024

CERTIFICATE OF COMPLETION

# Masters in Structural Engineering & Drawing Reading - Etabs

Instructor: **Akshay Kamath**

**Susmita Ghosh**

Date: **May 18, 2024**

Length: **59.5 total hours**





## Certificate of Achievement

# Susmita Ghosh

has completed the following course:

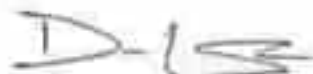
**ENDANGERED ARCHAEOLOGY: USING REMOTE SENSING TO PROTECT CULTURAL HERITAGE**  
DURHAM UNIVERSITY, BRITISH COUNCIL, UNIVERSITY OF LEICESTER AND UNIVERSITY OF OXFORD

This course explored the methodology for documenting heritage sites and landscapes, specifically using remote sensing as a key technique. On this course, you learnt about the basics of satellite remote sensing and how to use it to identify and monitor threats to heritage sites and landscapes.

6 weeks, 3 hours per week



**Prof Graham Philip**  
Professor in the Department of Archaeology,  
Durham University



**Dr Dan Lennane**  
Associate Professor in the Department of Archaeology,  
Durham University



## Susmita Ghosh

has completed the following course:

**ENDANGERED ARCHAEOLOGY: USING REMOTE SENSING TO PROTECT CULTURAL HERITAGE**  
DURHAM UNIVERSITY, BRITISH COUNCIL, UNIVERSITY OF LEICESTER AND UNIVERSITY OF OXFORD

---

You started by learning to interpret satellite imagery and monitor archaeological changes to archaeological sites before exploring a step-by-step guide of how to use Google Earth Pro to find, record, and monitor archaeological sites. Once you'd developed your skills, you looked at identifying and assessing damage and threats to heritage sites, such as natural erosion or construction, and then recorded your findings.

### STUDY REQUIREMENT

6 weeks, 3 hours per week

### LEARNING OUTCOMES

- Perform basic remote sensing tasks with free satellite imaging platforms such as Google Earth Pro
- Identify basic archaeological processes that influence site formation
- Identify a range of archaeological sites through satellite imagery
- Assess threats and damages to heritage sites using remote sensing techniques
- Create maps using Google Earth Pro

### SYLLABUS

1. Using satellite imagery for archaeology
2. Seeing archaeology
3. Seeing damage
4. Landscapes of mud
5. Landscapes of stone
6. Communicating information: making maps



Certificate no: UC-799d6332-fe38-4cf3-87ce-f668896653b0

Certificate url: [ude.my/UC-799d6332-fe38-4cf3-87ce-f668896653b0](https://ude.my/UC-799d6332-fe38-4cf3-87ce-f668896653b0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Laravel 10 Develop a Directory Listing Website From Scratch

Instructors **Web Solution US**

## Ramit Chakraborty

Date **May 4, 2024**

Length **76.5 total hours**



Certificate no: UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3  
Certificate url: [ude.my/UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3](https://ude.my/UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Web Design, Python and MySQL: Bootcamp

Instructors **Metla Sudha Sekhar**

## Ramit Chakraborty

Date **May 4, 2024**

Length **23.5 total hours**





Certificate no: UC-8f16e325-cc00-461f-9045-eafca266b3fb

Certificate url: [ude.my/UC-8f16e325-cc00-461f-9045-eafca266b3fb](https://udemy.com/certificate/UC-8f16e325-cc00-461f-9045-eafca266b3fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Graphics Design and Video Editing MasterClass

Instructors **Zechariah Tech**

## Ramit Chakraborty

Date **April 16, 2024**

Length **31.5 total hours**





# Georgia Institute of Technology

Jan 8, 2025

**Debraj Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/Q7CV6MV223TB](https://coursera.org/verify/Q7CV6MV223TB)

Coursera has confirmed the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

May 23, 2021

# Debraj Das

has successfully completed

## Psychological First Aid

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Hens".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/WAD8V766XU8](https://coursera.org/verify/WAD8V766XU8)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between this learner and PhD (word) or  
right at this learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



Apr 29, 2022

**Debraj Das**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/VHSCENRBU5>

Coursera has confirmed the identity of the individual and their participation in the course.



May 23, 2021

**Debraj Das**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/IFSEDE9HW2AR>

Coursera has confirmed the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

May 23, 2021

# Debraj Das

has successfully completed

## Psychological First Aid

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Hens".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/WAD8V766XU8](https://coursera.org/verify/WAD8V766XU8)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between this learner and PhD (word) or  
right at this learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.





May 23, 2021

**Debraj Das**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8BU9DGP40437>

Coursera has certified the identity of this individual and their participation in the course.

**coursera**  
project  
network

May 13, 2023

**Debraj Das**

has successfully completed

## Introduction to Basic Game Development using Scratch

an online non-credit project authorized by Coursera Project Network and offered through Coursera

*Stacey Shanklin-Langford*

Stacey Shanklin-Langford  
Subject Matter Expert  
Florida Learning Group

PROJECT  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/6830T7XPU5Tz>

Coursera has confirmed the identity of this individual and their participation in the project.

# CALARTS

May 4, 2023

Debraj Das

has successfully completed

Plan a Successful Freelancing Business

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

Tatiana Mulry  
Faculty  
Executive Director

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/30M88VPCx4UHS>

Coursera has certified the identity of this individual and their participation in the course.



May 6, 2007

**Debraj Das**

has successfully completed

**Introduction to Cloud Computing**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv Arora  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/v9vCD7470CMz>

Coursera has certified the identity of this individual and their participation in the course.



May 7, 2023

Debraj Das

has successfully completed with honors

Java Programming: Solving Problems with Software

an online non-credit course authorized by Duke University and offered through Coursera

*John Debraj Das*

Scott H. Riefman, Dean Zoltickas, Andrew D. Wilson, Robert Duvall

COURSE  
CERTIFICATE

HONORS

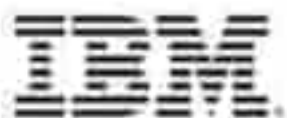


Verify at:

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Coursera has certified the identity of this individual and their participation in the course.





May 4, 2023

**Debraj Das**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

Terri Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DSPCM39N635x>

Coursera has verified the identity of this individual and their participation in the course.

**COURSERA**  
project  
network

May 12, 2013

**Debraj Das**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Sumant K. Jaiswal  
Business Manager, Project  
Florida Learning Group

PROJECT  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/143913V97481>

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Certificate no: UC-1b8ce4eb-0e57-4e90-a9aa-1b57f183efbe  
Certificate url: [ude.my/UC-1b8ce4eb-0e57-4e90-a9aa-1b57f183efbe](https://ude.my/UC-1b8ce4eb-0e57-4e90-a9aa-1b57f183efbe)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

## Debraj Das

Date **May 2, 2024**

Length **8.5 total hours**



COURSE  
CERTIFICATE

Feb 21, 2024

Debraj Das

has successfully completed

HTML and CSS in depth

an online non-credit course authorized by Meta and offered through Coursera



Verify at:  
<https://coursera.org/verify/US4Mx16ZV08U>

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CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors: **Start-Tech Academy**

**Pronoy Chatterjee**

Date: July 22, 2021

Length: 35 total hours





ISSUE NO. 0001

**Pronoy Chatterjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online course sponsored by Indian School of Business and offered through Coursera.

*Rajivpal Kapur*

Deputy Vice-Chancellor  
Indian School of Business  
Gurgaon, India

**COURSE  
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THE UNIVERSITY  
of EDINBURGH

2021-22, 2022

**Pronoy Chatterjee**

has successfully completed

**Introduction to Philosophy**

as a course you may be asked to attend by The University of Edinburgh and offered through Coursera

*Pronoy Chatterjee*  
*Dr. David Gifford*

For full details of the course, please visit <https://www.coursera.org/course/introduction-to-philosophy>  
Introduction to Philosophy  
The University of Edinburgh

COURSE  
CERTIFICATE



Verify at <https://coursera.org/verify/9W222012202222>

This certificate is valid for the duration of the course and may be used for verification purposes only.



AMERICAN MUSEUM  
OF NATURAL HISTORY



Fall 2014

**Pronoy Chatterjee**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

as well as two credits associated with American Museum of Natural History Howard Hughes Medical Institute and offered through Coursera.

Pronoy Chatterjee  
Assistant Professor of Systematics and Conservation  
Department of Systematics

COURSE  
CERTIFICATE



<https://www.coursera.org/verify/1101142202942>

Verifying the content of this certificate is the  
responsibility of the issuer.



DATE: 06/09/2022

**Pronoy Chatterjee**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online course by Coursera in partnership with University of Colorado. Student will receive a digital certificate.

**Matthew Kerschmann**

Matthew S. Kerschmann, Ph.D.  
Associate Professor  
Department of Educational Psychology  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



This is a digital certificate issued by Coursera in partnership with the University of Colorado.  
It is valid for the purpose of demonstrating completion of the course.  
It is not a degree or transcript.



**Georgia Institute**  
**of Technology**

Date of issue:

**Pronoy Chatterjee**

*Academically completed*

**Write Professional Emails in English**

*an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.*

Andrew C. Lewis  
Dean  
College of Engineering

**COURSE  
CERTIFICATE**



Verify at [learning.org/verify/00112026101](https://learning.org/verify/00112026101)

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Google Cloud

My course

**Pronoy Chatterjee**

has successfully completed

**Introduction to Cloud Identity**

and the user has successfully completed the course and earned a badge.

*Google Cloud Training*

**COURSE  
CERTIFICATE**



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Website: [www.udemy.com](https://www.udemy.com)

CERTIFICATE OF COMPLETION

# Engineering Dynamics course & examples, 15+hours mechanical

Instructors: **Rahaft Mechanical Engineering Department**

**Pronoy Chatterjee**

Date: **Dec-14, 2021**

Length: **16 total hours**



Certificate no: UC-94402266-777-4-2022-00267236  
Certificate of completion for the course: HTML 5, Python, Flask Framework All In One Complete Course  
Reference Number: 0228

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: Harizan Tech

**Pronoy Chatterjee**

Date: May 8, 2022

Length: 9.5 total hours



Certificate ID: 4986221470-4926-2266-2022-0428  
Certificate URL: <https://www.udacity.com/certificate/4986221470-4926-2266-2022-0428>  
Reference Number: 2204

CERTIFICATE OF COMPLETION

# Java, Python And PHP Programming In One Complete Course

Instructors: Global Code Institute

**Pronoy Chatterjee**

Date: April 28, 2022

Length: 10 total hours



Certificate of Completion  
Certificate awarded to Pronoy Chatterjee for completing  
this course on 15 Dec 2021

CERTIFICATE OF COMPLETION

# Machine Learning Real World projects in Python

Instructors: Shan Singh

**Pronoy Chatterjee**

Date: Dec. 15, 2021

Length: 11.5 total hours





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CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: Ing. Tomas Maravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Pronoy Chatterjee**

Date: Feb. 7, 2023

Length: 38.5 total hours

# M UNIVERSITY OF MICHIGAN

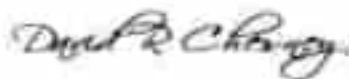
May 12, 2024

Rajendra Pal

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor Emeritus, Computer Science and Engineering

COURSE  
CERTIFICATE



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<https://coursera.org/verify/91V0AB1P629E>

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Certificate url: [ude.my/UC-36661923-8d77-4fcc-9241-384a15a8cc03](https://ude.my/UC-36661923-8d77-4fcc-9241-384a15a8cc03)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Bootcamp from Zero to Expert

Instructors **Sara Academy**

**Rajendra Pal**

Date **May 15, 2024**

Length **16 total hours**



# Certificate

We certify that **RAJENDRA PAL**  
has completed the following courses on our platform:



Learn English with Adam

16 hours 08 minutes - From 14/05/2024 to 20/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
RAJENDRA PAL

u4308381

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





Certificate no: UC-017e7d4f-4001-4578-b54d-b35dfa55eba

Certificate url: [ude.my/UC-017e7d4f-4001-4578-b54d-b35dfa55eba](https://ude.my/UC-017e7d4f-4001-4578-b54d-b35dfa55eba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Become a master of Pair of Linear Equations in Two Variables

Instructors **Lakshmi Narayana**

**Ronak Maira**

Date **May 21, 2023**

Length **16 total hours**





Certificate no: UC-4c841fc2-9ade-485e-9a71-b8146435dd66

Certificate url: [ude.my/UC-4c841fc2-9ade-485e-9a71-b8146435dd66](https://ude.my/UC-4c841fc2-9ade-485e-9a71-b8146435dd66)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Ronak Maira

Date **May 26, 2023**

Length **8 total hours**



THE UNIVERSITY  
*of* EDINBURGH

May 26, 2023

**Ronak Maira**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yulia Lomda, Matthew Crumey, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/Z05S188Pv02>

Coursera has verified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 30, 2023

Ronak Maira

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



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Coursera has certified the identity of this individual and their participation in the course.



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Certificate url: [ude.my/UC-095615d5-31ef-4327-bf66-8fdcca0dc5f4](https://ude.my/UC-095615d5-31ef-4327-bf66-8fdcca0dc5f4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors **Md. A. Barik**

## Ronak Maira

Date **May 21, 2023**

Length **11.5 total hours**

# Yale

May 8, 2009

**Doita Seth**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/MJIGXWIA7DHC](https://coursera.org/verify/MJIGXWIA7DHC)

Coursera has certified the identity of this individual and their  
achievement in the course.

This participant has successfully completed the Science of Well-Being with honor, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.





# Georgia Institute of Technology

May 8, 2009

**Doita Seth**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/32MBP2UJ2KTM>

Coursera has certified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 7, 2023

**Doita Seth**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/WKxANPjxx2GE>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-b9794d3a-3d2f-47bc-8f2b-6bd88cac0023

Certificate url: [udemy.com/UC-b9794d3a-3d2f-47bc-8f2b-6bd88cac0023](https://udemy.com/UC-b9794d3a-3d2f-47bc-8f2b-6bd88cac0023)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Python Network Programming Course for 2023

Instructors **Martin Yanev, Plamen Yanev**

## Doita Seth

Date **May 26, 2023**

Length **12 total hours**



Certificate no: UC-b7840965-187f-4f5e-a7c0-3d99dc5bfd69

Certificate url: [ude.my/UC-b7840965-187f-4f5e-a7c0-3d99dc5bfd69](https://ude.my/UC-b7840965-187f-4f5e-a7c0-3d99dc5bfd69)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Anirban Upadhyay

Date **March 15, 2023**

Length **34 total hours**

## Statement of participation

# SUBHASMIT Dutta

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 18 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

The statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-8>

COURSE CODE: ETHICS\_1



## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

Good, bad, right or wrong?

#### Section 2

It's not all Orsini to me!

#### Section 3

Relationships, emotions and ethics

#### Section 4

Ethics everywhere

#### Section 5

Landscape with Weapon an allegory

#### Section 6

Conclusion

#### Section 7

Summary

Name of online MOOC programs (like SWAYAM- NPTEL,Coursera etc.	Course Code (if any)	Year

Name of online MOOC programs (like SWAYAM- NPTEL,Coursera etc.	Course Code (if any)	Year

Name of online MOOC programs (like SWAYAM- NPTEL,Coursera etc.	Course Code (if any)	Year
Did not undertake any MOOCs programme	N/A	
Hence no certificate available		

Year 3 : 2020-21

Duration of course

Year 4 : 2021-22

Duration of course

Year 5 : 2022-23

Duration of course



Certificate no: UC-799d6332-fe38-4cf3-87ce-f668896653b0

Certificate url: [ude.my/UC-799d6332-fe38-4cf3-87ce-f668896653b0](https://ude.my/UC-799d6332-fe38-4cf3-87ce-f668896653b0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Laravel 10 Develop a Directory Listing Website From Scratch

Instructors **Web Solution US**

**Ramit Chakraborty**

Date **May 4, 2024**

Length **76.5 total hours**



Certificate no: UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3

Certificate url: [ude.my/UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3](https://ude.my/UC-1d0891f6-3bda-4f9a-afbe-b9376323cbd3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Web Design, Python and MySQL: Bootcamp

Instructors **Metla Sudha Sekhar**

## Ramit Chakraborty

Date **May 4, 2024**

Length **23.5 total hours**





Certificate no: UC-8f16e325-cc00-461f-9045-eafca266b3fb  
Certificate url: [ude.my/UC-8f16e325-cc00-461f-9045-eafca266b3fb](https://ude.my/UC-8f16e325-cc00-461f-9045-eafca266b3fb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Graphics Design and Video Editing MasterClass

Instructors **Zechariah Tech**

**Ramit Chakraborty**

Date **April 16, 2024**

Length **31.5 total hours**



**4TU** Centre for Ethics  
and Technology

May 14, 2024

**Ankita Debnath**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Kwaliteitscentrum (Kwaliteits) of Technology and  
4TU Ethics and offered through Coursera

Official Name:  
Signature:  
Institution: *Centre for Ethics and Technology*

**COURSE  
CERTIFICATE**



4TU is part of  
[www.4tu.nl](https://www.4tu.nl)

4TU is not a certified institution in the Netherlands and does not  
guarantee the quality of the course.

# Yale

May 10, 2016

**Ankita Debnath**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



David Evans  
Professor  
Yale University

**COURSE  
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# Georgia Institute of Technology

May 17, 2017

**Ankita Debnath**

has successfully completed

**Write Professional Emails in English**

an online course which is now authorized by Georgia Institute of Technology and offered through Coursera

\_\_\_\_\_  
Instructor

**COURSE  
CERTIFICATE**



visit us at  
<http://coursera.org/certificate>

certifies the completion of the individual and does  
not constitute an endorsement of the course



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKITA DEBNATH**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **60** %

Online Assignments	24.94/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 10672

*Devendra Jadhav*

Prof. Devendra Jadhav  
Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Anurag Kumar*

Prof. Anurag Kumar  
NPTEL, Coordinator  
IIT Madras



# UC SANTA CRUZ

Dec 18, 2022

**Ankita Debnath**

has successfully completed

## **Bayesian Statistics: Techniques and Models**

an online two-credit course authorized by University of California, Santa Cruz and offered through Coursera.



Matthew Heiner  
Associate Professor, Department of Statistics  
University of California, Santa Cruz

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CERTIFICATE OF COMPLETION

# Salesforce LWC (Lightning Web Component) with Live Project

Instructors: **Parag Jambhulkar**

**Ankita Debnath**

Date: **May 4, 2024**

Length: **10.5 total hours**



3 Courses

Understanding and  
Visualizing Data with Python

Inferential Statistical  
Analysis with Python

Fitting Statistical Models to  
Data with Python



Mar 27, 2023

**Shubham Das**

has successfully completed the online, non-credit Specialization

## Statistics with Python

This specialization is designed to teach learners beginning and intermediate concepts of statistical analysis and use of the Python programming language to conduct data analysis. Learners will learn where data come from, what types of data can be collected, how to effectively summarize and visualize data, how to utilize data for estimation and assessing theories, proper interpretations of inferential results, and how to apply more advanced statistical modeling procedures.

This online specialization is made possible through a partnership between Coursera and the University of Michigan. The University of Michigan is not affiliated with Coursera and does not endorse Coursera or its products. The University of Michigan is not responsible for the content of this certificate. The certificate that you receive is a property of Coursera. © 2023 Coursera Inc. All rights reserved. Coursera is not affiliated with the University of Michigan.

Erin  
Ph.D.  
2018

Erin G. Guehrer,  
Ph.D., Lecturer II

Kerby Shedden, Ph.D.,  
Professor

Erin T. West, Ph.D.,  
Research Associate  
Professor

Verify this certificate at:

<https://coursera.org/specializations/statisticswithpython>

**UCI** University of  
California, Irvine

DA 16, 2019

**Shubham Das**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online self-paced course authorized by University of California, Irvine and offered  
through Coursera



Shubham Das  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify an  
<https://coursera.org/accounts/institution/UCI>

Share this certificate and the learning activity information with your  
peer groups on the course



Certificate ID: UC-COMPLD-4011-161-4422-01-10194001  
Certificate URL: <https://www.udacity.com/certificate/UC-COMPLD-4011-161-4422-01-10194001>  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# Digital Marketing Mastery 2023 with Dekker Fraser, MBA

Instructors: **Dekker Fraser, MBA**, **Jyrs Galosmo**

**Shubham das**

Date: **April 4, 2023**

Length: **56.5 total hours**





Certificate no: UC-4888842c-4976-4361-8285-634637164277  
Certificate no: udemy/CX-4888842c-4976-4361-8285-634637164277  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: [Logus Academy](#)

**Priyangshu Chowhan**

Date: Feb, 28, 2024

Length: 77 total hours



Certificate no: UC-10000000-0000-0000-0000-000000000000  
Certificate url: [udemy/UC-10000000-0000-0000-0000-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors: Hemaath kumar

**Priyangshu Chowhan**

Date: April 8, 2024

Length: 11 total hours

# Yale

April 20, 2024

**Priyangshu Chowhan**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera.



Lewis J. Green  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/COURSERACERT>

Coursera has confirmed the identity of the signatory and that

signification of the course.

This program has been authorized by the Science of Well-Being as a non-credit, non-credit course designed by Dr. Lewis J. Green and offered by Yale University and offered through Coursera. Please contact your local governing body to see if they will award continuing credits in recognition of this course. The non-credit status is for this program only and does not affect any other program.



Certificate no: UC-4284270-870-4564-8839-05-20240964  
Certificate of Udemy UC-4284270-870-4564-8839-05-20240964  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# A Turtle Tale • Learn Python in a Visual Way

Instructors: Stephen Gruppetta

**Priyangshu Chowhan**

Date: April 6, 2024

Length: 10.5 total hours



# Georgia Institute of Technology

May 1, 2022

**Joly Kole**

has successfully completed

**Introduction to Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Whittman, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/47iCA7504449>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

May 1, 2022

Joly Kole

has successfully completed

**Mechanics of Materials I: Fundamentals of Stress &  
Strain and Axial Loading**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Wayne E. Williams, Ph.D., P.E.  
Senior Academic Professional  
Woodruff School of Mechanical Engineering, Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/WTSPHGND37SE>

Coursera has certified the identity of this individual and their  
participation in the course.

## Certificate of Achievement

Congratulations!

**Joly Kole**

for successfully completing  
**Introduction to Soft Skills**  
a course that covers

Objectives | Importance of Soft Skills | Acquiring Soft Skills |  
Difference between Hard and Soft Skills.

Start Date: 20 Oct 2021

End Date: 17 Jan 2022

*Mehul Mehta*

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services



**CERTIFIED**

Cert ID: 8879511043342-1018  
Date: 17 Jan 2022



## Certificate of Achievement

# Joly Kole

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

8 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Manoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## Joly Kole

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks



## Certificate of Achievement

# Joly Kole

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
**THE UNIVERSITY OF WESTERN AUSTRALIA**

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia





## Joly Kole

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

**77%**  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Maureen Lanerjan".

**Maureen Lanerjan**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Joly Kole**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



**Verified Certificate**  
Issued January 17, 2023

**Valid Certificate ID**  
[2000388621fd488d8a615096a2fa4c9a](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Cybil Soperhead'.

Cybil Soperhead

SVP & General Manager, Training & Certification

The Linux Foundation

This is to certify that

**Joly Kole**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
issued February 8, 2023

Valid Certificate ID  
[e40608a0425c4940ac1295f62851082c](#)



Apr 9, 2022

**Joly Kole**

has successfully completed

**Google Cloud Fundamentals for AWS Professionals**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/VRWVY4XVF20P>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-51f10a9c-c7c5-4493-b4a1-fb4ce3f8d121  
Certificate url: ude.my/UC-51f10a9c-c7c5-4493-b4a1-fb4ce3f8d121  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodriguez**

## Avijit Ghosh

Date **May 4, 2023**

Length **81.5 total hours**





Certificate no: UC-47dce576-dfa3-4124-99e2-65f2cb1fa39  
Certificate url: ude.my/UC-47dce576-dfa3-4124-99e2-65f2cb1fa39  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors **Nick Ovchinnikov**

## Avijit Ghosh

Date **April 11, 2023**

Length **17.5 total hours**



Certificate no: UC-a955eb72-60c8-499d-bc43-809ad41c85f

Certificate url: [ude.my/UC-a955eb72-60c8-499d-bc43-809ad41c85f](https://udemy.com/certificate/UC-a955eb72-60c8-499d-bc43-809ad41c85f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Drums Course From Scratch - For All Ages

Instructors **Patrick Abdo**

## Avijit Ghosh

Date **March 17, 2023**

Length **14.5 total hours**





Certificate no: UC-faec96aa-c7d4-4488-83a3-9dc21434db00  
Certificate url: [ude.my/UC-faec96aa-c7d4-4488-83a3-9dc21434db00](https://udemy.com/certificate/UC-faec96aa-c7d4-4488-83a3-9dc21434db00)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting-Adjusting Entries & Financial Statement

Instructors **Robert (Bob) Steele**

**Avijit Ghosh**

Date **March 15, 2023**  
Length **12 total hours**



Certificate no: UC-53842488-300c-4a4a-94e2-263c758749b9  
Certificate url: [udemy.com/certificate/UC-53842488-300c-4a4a-94e2-263c758749b9](https://udemy.com/certificate/UC-53842488-300c-4a4a-94e2-263c758749b9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

## Avijit Ghosh

Date **May 4, 2024**

Length **8.5 total hours**





Certificate no: UC-bd560903-accf-4689-8223-3efa7a154eee  
Certificate url: ude.my/UC-bd560903-accf-4689-8223-3efa7a154eee  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App's Development Masterclass - Build 2 Apps - Java

Instructors **Vijay Kumar**

**Avijit Ghosh**

Date **May 4, 2024**

Length **8 total hours**





Certificate no: UC-#6223171-5bc9-4aa3-a293-309167b88226  
Certificate url: [ude.my/UC-#6223171-5bc9-4aa3-a293-309167b88226](https://udemy.com/certificate/UC-#6223171-5bc9-4aa3-a293-309167b88226)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Avijit Ghosh**

Date **March 23, 2024**

Length **11 total hours**



Certificate no: UC-71a59ee1-7994-46a2-8464-289891b8f82e  
Certificate url: [ude.my/UC-71a59ee1-7994-46a2-8464-289891b8f82e](https://udemy.com/certificate/UC-71a59ee1-7994-46a2-8464-289891b8f82e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors **Hemanth kumar**

## Avijit Ghosh

Date **March 23, 2024**

Length **11 total hours**

# Yale

May 22, 2024

**GOPAL SARKAR**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Rogers Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/H1TTCWZVUJH5SE>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1

Certificate url: [ude.my/UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1](https://ude.my/UC-a9aac81a-2d5c-4298-9bb3-473162ad71e1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning using Python

Instructors **Start-Tech Academy**

## Gopal Sarkar

Date **May 24, 2024**

Length **19 total hours**



Certificate ID: 2736443-1043-4943-1234-567890123456  
Certificate of completion for the course English for Beginners:  
Intensive Spoken English Course  
Course Number: 2222

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy**

**Gopal Sarkar**

Date: **May 4, 2024**

Length: **77 total hours**





# Certificate

We certify that Trina Maji  
has completed the following courses on our platform:



English language intermediate level by English for You

17 hours 25 minutes - From 27/05/2024 to 27/05/2024

Adriano Medeiros Dantas  
Executive Director - CURSA

Trina Maji  
Student Signature  
TrinaMaji

u4352641

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity




# Certificate

We certify that Trina Maji  
has completed the following courses on our platform:



Python with Django complete course by Telusko

15 hours 01 minutes - From 27/05/2024 to 27/05/2024

  
Adilson Medeiros Dantas  
Executive Director - Cursa

  
Student Signature  
TrinaMaji

u4352641

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros.Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Print the course to  
verify authenticity



# Certificate

We certify that Trina Maji  
has completed the following courses on our platform:



Learn English with Adam

22 hours 38 minutes - From 24/05/2024 to 24/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Trina Maji

u4352641

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-5a6fc93a-4f1e-41f6-90f6-387f8f4384c4

Certificate url: [ude.my/UC-5a6fc93a-4f1e-41f6-90f6-387f8f4384c4](https://ude.my/UC-5a6fc93a-4f1e-41f6-90f6-387f8f4384c4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python in Action: A Practical Course 50+ Real-World Projects

Instructors **Arbaz Khan**

**Trina Maji**

Date **May 5, 2024**

Length **10 total hours**





# Certificate

We certify that Trina Maji  
has completed the following courses on our platform:



Ethical hacking for beginners by Edureka

21 hours 04 minutes - From 24/05/2024 to 24/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Trina Maji

u4352641

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ: 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity






# Certificate

We certify that **Trina Maji**  
has completed the following courses on our platform:



Artificial intelligence with Python by CS50

12 hours 40 minutes - From 24/05/2024 to 24/05/2024

  
Adilson Medeiros Dantas  
Executive Director - CURSA

  
Student Signature  
TrinaMaji

u4352641

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Scan the QR code to  
verify authenticity





Certificate no. UC-3622770-6466-470a-846d-72497066770  
Certificate url: udemy.com/certificate/UC-3622770-6466-470a-846d-724970666770  
Reference Number: 0008

CERTIFICATE OF COMPLETION

# Xero vs. Excel 2023

Instructors: **Robert (Bob) Steele**

**Aniruddha Bhattacharjee**

Date: **March 23, 2024**

Length: **69.5 total hours**



Certificate no. UC-27398939-8-16-4766-3636-6167366447  
Certificate ID: udemy/C27398939-8-16-4766-3636-6167366447  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Aniruddha Bhattacharjee**

Date: May 7, 2023

Length: 34 total hours



Certificate no: UC-b68b77f2-3450-4774-bd3e-5c8ceea1803e

Certificate url: [udemy.com/UC-b68b77f2-3450-4774-bd3e-5c8ceea1803e](https://udemy.com/UC-b68b77f2-3450-4774-bd3e-5c8ceea1803e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Abhisekh Dutta

Date **May 8, 2022**

Length **12 total hours**





Certificate no: UC-5fc26553-3923-4bbd-93f4-511c26d10976

Certificate url: [ude.my/UC-5fc26553-3923-4bbd-93f4-511c26d10976](https://ude.my/UC-5fc26553-3923-4bbd-93f4-511c26d10976)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

## **Abhisekh Dutta**

Date **May 13, 2022**

Length **22 total hours**



Certificate no: UC-369f5733-d2db-406f-a1f2-b18f8dadfa94

Certificate url: [ude.my/UC-369f5733-d2db-406f-a1f2-b18f8dadfa94](https://ude.my/UC-369f5733-d2db-406f-a1f2-b18f8dadfa94)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha, Learn IT University**

## Abhisekh Dutta

Date **May 7, 2022**

Length **29.5 total hours**



Certificate no: UC-8d5a7686-2c3f-4c22-91a7-82f49d80f550

Certificate url: [ude.my/UC-8d5a7686-2c3f-4c22-91a7-82f49d80f550](https://udemy.com/certificate/UC-8d5a7686-2c3f-4c22-91a7-82f49d80f550)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online vs. QuickBooks Desktop 2022, 2021, & 2020

Instructors **Robert (Bob) Steele**

## Abhisekh Dutta

Date **May 6, 2023**

Length **127 total hours**





Certificate no: UC-915647db-2a4b-4fee-892f-7be068b95cf9

Certificate url: [ude.my/UC-915647db-2a4b-4fee-892f-7be068b95cf9](https://ude.my/UC-915647db-2a4b-4fee-892f-7be068b95cf9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy | 340.000+ Students - Ethical Hacking**

## Abhisekh Dutta

Date **May 9, 2024**

Length **34 total hours**



Certificate no: UC-1eb741d6-edfd-44df-918b-bbf90f967af2

Certificate url: [ude.my/UC-1eb741d6-edfd-44df-918b-bbf90f967af2](https://ude.my/UC-1eb741d6-edfd-44df-918b-bbf90f967af2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Abhisekh Dutta

Date **May 9, 2024**

Length **21 total hours**





Certificate no: UC-2ad4877a-f7f5-4b86-b094-9cda004dcc81

Certificate url: [ude.my/UC-2ad4877a-f7f5-4b86-b094-9cda004dcc81](https://ude.my/UC-2ad4877a-f7f5-4b86-b094-9cda004dcc81)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Red Teaming | Exploit Development with Assembly and C | MSAC+

Instructors **OCSALY Academy | 340.000+ Students - Ethical Hacking**

## Abhisekh Dutta

Date **May 9, 2024**

Length **17.5 total hours**



Certificate no: UC-84cd98a0-eaaa-4bc8-af23-0c0c13bfa615  
Certificate url: [ude.my/UC-84cd98a0-eaaa-4bc8-af23-0c0c13bfa615](https://ude.my/UC-84cd98a0-eaaa-4bc8-af23-0c0c13bfa615)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Abhisekh Dutta

Date **May 8, 2022**

Length **9.5 total hours**

## Java for beginners by ProgrammingKnowledge

26 hours 49 minutes - From 09/05/2024 to 10/05/2024



Adilson Medeiros Dantas  
Executive Director - Cursa



Student Signature  
Subrata Jana

U4291952



Point the camera to  
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)

## Daily Conversational English by Tutorials Point

08 hours 15 minutes - From 11/05/2024 to 11/05/2024



Adilán Medeiros Dantas  
Executive Director - Cursa



Student Signature  
Subrata Jana

U4291952



Point the camera to  
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)





Certificate no: UC-ad0f3858-8939-466c-80ab-0b433d1e5da8  
Certificate url: [ude.my/UC-ad0f3858-8939-466c-80ab-0b433d1e5da8](https://ude.my/UC-ad0f3858-8939-466c-80ab-0b433d1e5da8)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2024

Instructors **Web Coding**

**Ankita Malo**

Date **May 11, 2024**

Length **8.5 total hours**



# **M** UNIVERSITY OF MICHIGAN

Apr 13, 2024

Ankita Malo

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor Emeritus, Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2014V1G2PH122>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-40431b63-29f0-4f17-9375-4af9197faa96

Certificate url: [uda.my/UC-40431b63-29f0-4f17-9375-4af9197faa96](https://www.udacity.com/certificate/UC-40431b63-29f0-4f17-9375-4af9197faa96)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Ankita Malo

Date **May 7, 2024**

Length **17 total hours**



Certificate no: UC-e2bbe2d1-2711-4ecd-b3c2-b0397b14e3b7

Certificate url: [ude.my/UC-e2bbe2d1-2711-4ecd-b3c2-b0397b14e3b7](https://ude.my/UC-e2bbe2d1-2711-4ecd-b3c2-b0397b14e3b7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Ankita Malo

Date **March 28, 2024**

Length **77 total hours**



Certificate ID: 6454545-1045-4575-4575-4575-10101  
Certificate ID: 6454545-1045-4575-4575-4575-10101  
Software Version: 1024

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson**

## Labanya Sau

Date **May 25, 2022**

Length **71 total hours**



Certificate No. UC-82846464-2024-4423-4233-4233-4233-4233  
Certificate URL: <https://www.udemy.com/certificate/UC-82846464-2024-4423-4233-4233-4233-4233>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: **Hassan Fuleih**

## Labanya Sau

Date: **May 26, 2022**

Length: **10 total hours**





Certificate ID: UC9F85627-6465-4096-8000-64656276465  
Certificate URL: <https://www.udacity.com/certificate/UC9F85627-6465-4096-8000-64656276465>  
Issuing Month: 2022

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Labanya Sau**

Date **June 2, 2022**

Length **12 total hours**



Certificate ID: UC-46467648-4436-4636-4636-000000000000  
Certificate URL: udemy.com/certificate/award-4636-4636-4636-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

## Labanya Sau

Date **May 31, 2022**

Length **10 total hour**



Certificate of Completion with Hours Accredited by  
Udacity of California Institutional Unit 2019-2022  
Course Number: 2024

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Labanya Sau

Date: **May 31, 2022**

Length: **45 total hours**



Certificate no. UC-5879261-9382-4024-1487762614884  
Certificate url: udemy.com/UC-5879261-9382-4024-1487762614884  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Labanya Sau

Date **March 19, 2023**

Length **32 total hours**

**coursera**  
project  
network

Feb 9, 2024

**Labanya Sau**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Siegfried  
Senior Manager  
Global Market Access  
Executive Learning Group

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2XSGT0UWV50E>

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Certificate no: UC-85889272-PTT-965-985-838a77e4209  
Certificate url: [www.udacity.com/certificate/UC-85889272-PTT-965-985-838a77e4209](https://www.udacity.com/certificate/UC-85889272-PTT-965-985-838a77e4209)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors **Marcus Menti, Zechariah Tech**

## Labanya Sau

Date **April 20, 2024**

Length **17 total hours**

**coursera**  
project  
network

Feb 3, 2014

**Labanya Sau**

has successfully completed

**Gamification Learning with Genially**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Rachal Lindsey*

Subject Matter  
Expert  
Acad. Director

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/738M72C5C12E>

This seal has confirmed the identity of the individual and their  
contribution to the project.

# UC SANTA CRUZ

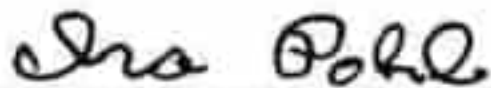
May 1, 2023

Utkarsh Abhishek

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Professor De Paul, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/9XC1A2XSHFYI>

Coursera has confirmed the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 4, 2023

**Utkarsh Abhishek**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/82E63F4C3412>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 10, 2023

Utkarsh Abhishek

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CHWTEJC3WEE>

Coursera has certified the identity of the individual and their participation in the course.



# M UNIVERSITY OF MICHIGAN

May 2, 2023

Utkarsh Abhishek

has successfully completed

Introduction to CSS3

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/05502n70A1008>

Coursera has confirmed the identity of this individual and their participation in the course.



**Stanford** ONLINE

May 13, 2023

**Utkarsh Abhishek**

has successfully completed

**Unsupervised Learning, Recommenders,  
Reinforcement Learning**

an online non-credit course authorized by DeepLearning.AI and Stanford University and  
offered through Coursera

Andrew Ng, Instructor, DeepLearning.AI  
Eddy Shyu, Curriculum Architect, DeepLearning.AI  
Aarti Bagil and Geoff Lebey, Curriculum Engineers, DeepLearning.AI

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EDU/CXV/13/083>

Coursera has confirmed the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 5, 2023

Utkarsh Abhishek

has successfully completed

Interactivity with JavaScript

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/7f5G034r5GBH>

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 20, 2023

**Utkarsh Abhishek**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukh, Duncan Pritchard, Gillin Lewis, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/PC2HWTCM18>

Coursera has certified the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 1, 2023

Utkarsh Abhishek

has successfully completed

Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/WERM62A19C0D>

Coursera has verified the identity of 194 individuals and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

03-Jun-2022

**Pamela Pal**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/M3Y7xGd8Q19z>

Coursera has certified the identity of this individual and their participation in the course.



21-May-2022

**Pamela Pal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/KEMHBMW1U15>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 26, 2022

**Pamela Pal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/2ERLVU3N4W4Q](https://coursera.org/verify/2ERLVU3N4W4Q)

Coursera has confirmed the identity of this individual and their participation in the course.



# RICE UNIVERSITY

03-Jun-2022

## Pamela Pal

has successfully completed

### Python Programming Essentials

an online non-credit course authorized by Rice University and offered through Coursera

COURSE  
CERTIFICATE



*Scott Kim*      *Jim Warren*

Scott Kim  
Professor  
Dept. of Computer Science  
Rice University

Jim Warren  
Professor  
Dept. of Computer Science  
Rice University

Verify at:  
<https://coursera.org/verify/XY540873AGHG>

Coursera has certified the identity of this individual and their participation in the course.

# INFOSEC

May 8, 2007

Pamela Pal

has successfully completed

Introduction to Cybersecurity Foundations

an online non-credit course authorized by Infosec and offered through Coursera

*Keaton Evans*

Keaton Evans  
Suffolk University

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/27BE49DBF31A>

Coursera has confirmed the identity of this individual and their participation in the course.





THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

April 17, 2023

Pamela Pal

has successfully completed

Code Yourself! An Introduction to Programming

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Aron Menezes  
School of Informatics  
The University of Edinburgh

Dr. Luis Sando  
Engineering School  
Universidad ORT Uruguay

Verify at:  
<https://coursera.org/verify/4W74A2EYs76T>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 7, 2023

**Pamela Pal**

has successfully completed

**Cloud Computing Foundations**

an online non-credit course authorized by Duke University and offered through Coursera.

*Noah Giff*

Noah Giff  
Executive in Residence  
Duke University 11103

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/316092E2111WF>

Coursera has confirmed the identity of this individual and their participation in the course.



# UNIVERSITY OF MARYLAND

May 8, 2007

**Pamela Pal**

has successfully completed

**Cybersecurity for Everyone**

an online non-credit course authorized by University of Maryland, College Park and  
offered through Coursera

*Charles Harry*

Charles Harry, Ph.D.  
Associate Research Professor  
School of Public Policy  
University of Maryland, College Park

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3D2AAN8D09TW>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: UC-2c33268a-48d8-4917-b7c4-9b4dabb53bba

Certificate url: [ude.my/UC-2c33268a-48d8-4917-b7c4-9b4dabb53bba](https://ude.my/UC-2c33268a-48d8-4917-b7c4-9b4dabb53bba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX | Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 200,000+ Students

## Pamela Pal

Date **May 12, 2023**

Length **12 total hours**



Certificate no: UC-793bac96-13a1-44d6-92a0-8ecadf875ab1

Certificate url: [ude.my/UC-793bac96-13a1-44d6-92a0-8ecadf875ab1](https://ude.my/UC-793bac96-13a1-44d6-92a0-8ecadf875ab1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Pamela Pal

Date **May 8, 2023**

Length **29 total hours**





Certificate no: UC-8e6f541d-1095-4634-9251-6144f7216e4c

Certificate url: [ude.my/UC-8e6f541d-1095-4634-9251-6144f7216e4c](https://www.udemy.com/certificate/UC-8e6f541d-1095-4634-9251-6144f7216e4c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Project for Project Manager & Civil Engineers - MSP

Instructors **Akshay Kamath**

**Pamela Pal**

Date **May 8, 2024**

Length **23 total hours**



Certificate no: UC-67b35f4a-febf-4496-898f-6b128ea1d410

Certificate url: [ude.my/UC-67b35f4a-febf-4496-898f-6b128ea1d410](https://ude.my/UC-67b35f4a-febf-4496-898f-6b128ea1d410)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering of Python Script for System Administrator

Instructors **Jan Ekhteyari, Neamat Andishmand, Neamatullah Ekhteyari**

## Pamela Pal

Date **May 8, 2024**

Length **18.5 total hours**



Certificate no: UC-7251134a-4601-475f-8e00-e070ce91b9cb

Certificate url: [ude.my/UC-7251134a-4601-475f-8e00-e070ce91b9cb](https://udemy.com/certificate/UC-7251134a-4601-475f-8e00-e070ce91b9cb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# IELTS Band 8: IELTS Listening Mastery | IELTS Tenses

Instructors **Jackson Kailath**

## Pamela Pal

Date **May 23, 2024**

Length **24.5 total hours**





Certificate no: UC-f6178dd8-47e3-4cae-b705-264d908c9c27

Certificate url: [ude.my/UC-f6178dd8-47e3-4cae-b705-264d908c9c27](https://ude.my/UC-f6178dd8-47e3-4cae-b705-264d908c9c27)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS, JavaScript, React | Deploy Web Apps on the Cloud

Instructors **YouAccel Training**

## Shuva Das

Date **May 10, 2023**

Length **25 total hours**



Certificate no: UC-af765795-575b-4397-be1e-643c436b44e5

Certificate url: [udemy.com/UC-af765795-575b-4397-be1e-643c436b44e5](https://udemy.com/UC-af765795-575b-4397-be1e-643c436b44e5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Shuva Das

Date **March 3, 2023**

Length **38.5 total hours**





Certificate no: UC-d01b2702-b335-4304-ac4d-95bd9041e569

Certificate url: [ude.my/UC-d01b2702-b335-4304-ac4d-95bd9041e569](https://ude.my/UC-d01b2702-b335-4304-ac4d-95bd9041e569)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Google Certified Educator Level 1 and 2 Masterclass

Instructors **TJ Walker, Jan Ekhteyari, Media Training Worldwide Digital**

## Shuva Das

Date **May 6, 2023**

Length **21 total hours**



Certificate no: UC-d75b3c70-5eb2-43b4-8628-50ae3361e5e1  
Certificate url: [ude.my/UC-d75b3c70-5eb2-43b4-8628-50ae3361e5e1](https://ude.my/UC-d75b3c70-5eb2-43b4-8628-50ae3361e5e1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Jeet Chatterjee

Date **Feb. 3, 2023**

Length **26 total hours**



Certificate no: UC-0472608f-272d-4836-8a20-e2aee9a18f26

Certificate url: [ude.my/UC-0472608f-272d-4836-8a20-e2aee9a18f26](https://udemy.com/UC-0472608f-272d-4836-8a20-e2aee9a18f26)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PostgreSQL and MS SQL for Beginners

Instructors **Start-Tech Trainings, Start-Tech Academy**

## Jeet Chatterjee

Date **May 15, 2023**

Length **9 total hours**





Certificate no: UC-d420e0b8-a146-440d-a42c-1c46ee8daab1

Certificate url: [ude.my/UC-d420e0b8-a146-440d-a42c-1c46ee8daab1](https://ude.my/UC-d420e0b8-a146-440d-a42c-1c46ee8daab1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build and Deploy Responsive Websites on AWS using HTML & CSS

Instructors **YouAccel Training**

**Jeet Chatterjee**

Date **May 30, 2023**

Length **13.5 total hours**

Anubрати Chakraborty

University Roll: 17600120001

Dept : CSE

Certificate Drive Link:

[https://drive.google.com/drive/folders/1J6WwkrJJXgav5uLLk\\_5C\\_7er2ZslsSzU?usp=drive\\_link](https://drive.google.com/drive/folders/1J6WwkrJJXgav5uLLk_5C_7er2ZslsSzU?usp=drive_link)





Certificate no. UC-20230512-1000-1000-1000-1000-1000  
Certificate of completion for the course "Mobile App Development for Autism, Dyslexia & etc in 2023"  
Issued on 12/05/2023

CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructors: **Infinite Minds Academy**

**Archak Basu**

Date: **May 12, 2023**

Length: **8 total hours**



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Issued on March 13, 2023

CERTIFICATE OF COMPLETION

# Personal Finance

Instructors: **Robert (Bob) Steele**

**Archak Basu**

Date: **March 13, 2023**

Length: **155.5 total hours**

Year - 1st Session (2020-21)





has completed

**Supratim Das**

has successfully completed

**Write Professional Emails in English**

an online learning course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Andrew R. Lewis".

Andrew R. Lewis  
Provost  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify an individual's degree by visiting <https://www.coursera.org/degrees>  
There is no additional fee for this service; you only pay for the course itself.

**Verified  
Certificate****HarvardX**

This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**a course of study offered by HarvardX, an online learning  
initiative of Harvard University.

Dated: 01/05/2022

Signed:

Dipak K. Arya, Research Professor of Educational Leadership,  
Harvard UniversityVerified Certificate  
Issued February 8, 2022Valid Certificate ID  
2022010100100000000000000000000000





**Verified  
Certificate****W** UNIVERSITY OF WASHINGTON

This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.

Jodi Gault

Lecturer, International & English Language Programs  
University of WashingtonVerified Certificate  
Issued January 11, 2021Verify Certificate ID  
<https://www.washington.edu/online/verified-certificates/>

## Verified Certificate

This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**Cybin.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified certificate  
Awarded June 6, 2022

IBM Certificate ID:  
[XXXXXXXXXXXXXXXXXXXX](#)



*Chaitanya Singh*  
Program Manager, IBM Security Learning Services  
IBM



# Year- 3rd Session (2022-23)

8/2022, 3:57PM

www.cdn-images.amazonaws.com

**Verified  
Certificate**



This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**DTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.

  
**Manish Jangal**  
Head of Training and Certification  
Amazon Web Services (AWS)



Verified Certificate  
Issued Dec 14, 2022

Valid Certificate ID  
[AWS-0000012345678901000000000000000000](#)



## Verified Certificate



This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 14, 2022

Verify Certificate ID  
[20220514000000000000000000000000](#)





## **Verified Certificate**

**W** UNIVERSITY OF WASHINGTON

This is to certify that

**Supratim Das**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashington, an online learning initiative of University of Washington.

*Richard G. Smith*

W. BOBBER (2005) PH.D.  
Deputy Director, Center for Information Assurance and Cybersecurity  
Professor, University of Washington  
University of Washington Center of Academic Excellence



Verified Certificate  
Issued May 14, 2025

View Certificate ID  
[003a290e08046e330d0e36074750a2769](#)

# CERTIFICATE OF COMPLETION

Achhat Kumar

---

has successfully completed the online course:  
**Python for Beginners**

This professional has demonstrated initiative and a  
commitment to deepening their skills and advancing  
their career. Well done!

14<sup>th</sup> May 2024

Certificate code : 5221863



Krishna Kumar  
CEO, Simplilearn







**4TU** Centre for Ethics  
and Technology

May 11, 2024

**Achhat Kumar**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/749N0GPM7816>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 11, 2024

**Achhat Kumar**

has successfully completed

**Business English: Basics**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Edie Tsing'.

Edie Tsing, Lecturer, Center for Language Education  
Deliaa Gaddell, Senior Lecturer, Center for Language Education  
Dr. Sean McKeown, Director, Center for Educational Innovation

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/A7645M6M3TW10?>

Coursera has certified the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

May 4, 2024

Ritama Roy

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor Emeritus, Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2d1@WU6tM4u7Z>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-fb603d6a-1638-4a91-9ecb-abb8d8ed9e55

Certificate url: [ude.my/UC-fb603d6a-1638-4a91-9ecb-abb8d8ed9e55](https://ude.my/UC-fb603d6a-1638-4a91-9ecb-abb8d8ed9e55)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

**Ritama Roy**

Date **May 6, 2024**

Length **17 total hours**





Certificate no: UC-40012d0f-41c7-4ff1-b1d1-6f4f8c9cb9fa  
Certificate url: [ude.my/UC-40012d0f-41c7-4ff1-b1d1-6f4f8c9cb9fa](https://ude.my/UC-40012d0f-41c7-4ff1-b1d1-6f4f8c9cb9fa)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Ritama Roy

Date **March 5, 2024**

Length **77 total hours**





Certificate no: UC-21bcc4a4-e602-4321-ac04-4d35cbbfdef9  
Certificate url: [ude.my/UC-21bcc4a4-e602-4321-ac04-4d35cbbfdef9](https://ude.my/UC-21bcc4a4-e602-4321-ac04-4d35cbbfdef9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors **Dr. Angela Yu**

## Aditya Shaw

Date **May 25, 2024**

Length **58.5 total hours**



Certificate ID: UC-1609480-1001-2021-0518-152064810101  
Certificate URL: <https://www.udacity.com/certificate/UC-1609480-1001-2021-0518-152064810101>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors: **Learn Tech Plus**

**Arjya Biswas**

Date: **May 18, 2022**

Length: **15 total hours**



Certificate no: UC-F229626-1507-60N-6U45-4029664042  
Certificate url: <https://www.udemy.com/certificate/UC-F229626-1507-60N-6U45-4029664042>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Personal Finance #1 Goals, Planning, & Time Value of Money

Instructors: **Robert (Bob) Steele**

**Arjya Biswas**

Date: **May 18, 2022**

Length: **22 total hours**



Certificate ID: UC-L01488288-w029-8024-w024-800423215215  
Certificate URL: [udemy.com/certificate/UC-L01488288-w029-8024-w024-800423215215](https://www.udemy.com/certificate/UC-L01488288-w029-8024-w024-800423215215)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Receivables & The Allowance vs The Direct Write Off Methods

Instructors: **Robert (Bob) Steele**

**Arjya Biswas**

Date: **May 18, 2022**

Length: **14 total hours**



Certificate no. UC-88822325-9876-4321-udub-81920477109  
Certificate no. UC-88822325-9876-4321-udub-81920477109  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Budgets – Managerial Accounting/Cost Accounting

Instructors: **Robert (Bob) Steele**

**Arjya Biswas**

Date: **May 18, 2022**

Length: **24.5 total hours**





Certificate ID: UC-123456789-1234-5678-9012-345678901234  
Certificate URL: [udemy.com/certificate/UC-123456789-1234-5678-9012-345678901234](#)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS, JavaScript, React | Deploy Web Apps on the Cloud

Instructors: YouAccel Training

**Arjya Biswas**

Date: Jan. 14, 2023

Length: 25 total hours



Certificate ID: UC-8828e20-434e-4254-827c-6a4d49994c13  
Certificate URL: <https://www.udemy.com/certificate/UC-8828e20-434e-4254-827c-6a4d49994c13/>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023-300+ Python Exercises (Simple & Complex) with Algorithm

Instructors: Faisal Zamir, Faisal Jafri

**Arjya Biswas**

Date: Jan. 14, 2023

Length: 28.5 total hours



Certificate ID: UC-403429-Rear-4268-824C-8D4e8D0a4209  
Certificate URL: <https://www.udacity.com/certificate/UC-403429-Rear-4268-824C-8D4e8D0a4209>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 - The Master in Web Development (Backend & Frontend)

Instructors: **Faisal Zamir**

**Arjya Biswas**

Date: **Jan. 14, 2023**

Length: **39 total hours**

# UC SANTA CRUZ

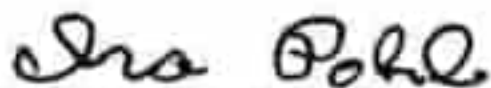
Mar 15, 2023

Ritika Ghosh

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



*Mrs. Pohl, PhD*  
Squire School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3397DF0VIRB>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-1bb4452f-e035-4c99-b472-d78f5419e5d1

Certificate url: [ude.my/UC-1bb4452f-e035-4c99-b472-d78f5419e5d1](https://ude.my/UC-1bb4452f-e035-4c99-b472-d78f5419e5d1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Ritika Ghosh

Date **March 14, 2023**

Length **32 total hours**





Certificate no: UC-c605fec3-017d-4e92-a86e-0af480cd096e

Certificate url: [ude.my/UC-c605fec3-017d-4e92-a86e-0af480cd096e](https://ude.my/UC-c605fec3-017d-4e92-a86e-0af480cd096e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PyCharm Productivity and Debugging Techniques

Instructors **Martin Yanev**

## Ritika Ghosh

Date **March 14, 2023**

Length **9.5 total hours**



Certificate no: UC-a76d622b-526b-4b1d-ba3c-192fd3c31d6b

Certificate url: [ude.my/UC-a76d622b-526b-4b1d-ba3c-192fd3c31d6b](https://ude.my/UC-a76d622b-526b-4b1d-ba3c-192fd3c31d6b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

**Ritika Ghosh**

Date **May 7, 2023**

Length **9.5 total hours**



Certificate no: UC-f0ab52b0-e1ab-433e-b3d7-b3fabf082f02

Certificate url: [ude.my/UC-f0ab52b0-e1ab-433e-b3d7-b3fabf082f02](https://www.udemy.com/certificate/UC-f0ab52b0-e1ab-433e-b3d7-b3fabf082f02/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors **Web Coding**

**Ritika Ghosh**

Date **May 8, 2023**

Length **9.5 total hours**



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CERTIFICATE OF COMPLETION

# Tally Prime Erp +GST : Certificate Course

Instructors: K.R. Gupta & R. Gupta

**Ritika Ghosh**

Date: May 5, 2024

Length: 8.5 total hours



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CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructor: OCSALY Academy | 240,000+ Students - Ethical Hacking

**Ritika Ghosh**

Date: May 5, 2024

Length: 34 total hours





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CERTIFICATE OF COMPLETION

# Python for Beginners

Instructors: **Navin Reddy**

**Ritika Ghosh**

Date: **May 5, 2024**

Length: **14 total hours**



**Georgia Institute**  
**of Technology**

2016-01-01

**Roshni Koley**

has successfully completed

**Write Professional Emails in English**

an online self-paced course authorized by Georgia Institute of Technology and offered through Coursera

David L. Forster  
Vice President  
of Academic Programs

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/88110012309](https://coursera.org/verify/88110012309)

This certificate is valid and the holder's name is confirmed and their participation is recorded.

**UCI** Division of Continuing Education

May 10, 2017

**Roshni Koley**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Dina A. Smith  
Director

**COURSE  
CERTIFICATE**



Verify at:  
<http://coursera.org/certificates/UCI>

Display this certificate on the website of your institution and their  
accreditation to the public.



DARDEN SCHOOL  
of BUSINESS

May 26, 2022

**Roshni Koley**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

as an **honors credit course** authorized by the University of Virginia and offered through  
Coursera.

*May E. Green*

May E. Green  
Dean/Provost/University Counsel  
University of Virginia  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/3083062302>

For more information on the issuing of this certificate and their  
application of this course.



Certificate no. UC-CERT-2022-0526-0000-000000000000  
Certificate url: [https://www.udacity.com/certificate/uc-cert-2022-0526-0000-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# The Python and Django Learning Guide

Instructors: Hassan Fulaib

**Roshni Koley**

Date: May 26, 2022

Length: 8 total hours





Certificate ID: UC-RONR9H9E-2546-4453-4728-94283-9544  
Certificate URL: <https://www.udacity.com/certificate/UC-RONR9H9E-2546-4453-4728-94283-9544>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: Hassan Fulaih

**Roshni Koley**

Date: May 26, 2022

Length: 10 total hours

# Stanford | ONLINE



a place of mind  
THE UNIVERSITY OF BRITISH COLUMBIA

May 2, 2014

## Roshni Koley

has successfully completed

### Game Theory

an online non-credit course endorsed by Stanford University and The University of British Columbia and offered through Coursera

Professor Jeffrey E. Rubin, Associate Professor, Department of Economics  
Stanford University and <http://stanford.edu/~jebrubin>

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go to <https://coursera.org/verify>

# Stanford | ONLINE

May 8, 2014

Roshni Koley

has successfully completed

Introduction to Statistics

an online Stanford course authorized by Stanford University and offered through Coursera

*Jonathan Uebler*

Jonathan Uebler  
Professor of Statistics  
Department of Statistics, Stanford University

COURSE  
CERTIFICATE



44/10/14

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Page 01 - 1000

**Roshni Koley**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian Council of Business and offered through Coursera

*Rajivpal Rajivpal*

Regional Representative  
Indian Council of Business  
Global Education Services

**COURSE  
CERTIFICATE**



Verify all

<https://coursera.org/verify/CXPLDGA788>

Coursera has confirmed the identity of the individual and their  
qualification in the course.



Certificates of completion are not awarded for courses that do not have a certificate of completion.  
Certificate awarded for completion of this course on May 9, 2023.  
Reference Number: 10000

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Roshni Koley**

Date **May 9, 2023**

Length **128 total hours**





Feb 6, 2024

**Roshni Koley**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit course authorized by Coursera Project Network and offered through  
Crossara

Jennifer K. Siegfried  
Institute for Business Impact  
Florida Learning Center

**PROJECT  
CERTIFICATE**



Verify at:

<https://coursera.org/ac/acert/K2081D/RY508>

Coursera has confirmed the identity of this individual and their participation in the project.



Certificate No: CE-9984224 - 985-4824-835 - 100000000000  
Certificate URL: <https://www.udacity.com/certificate/985-4824-835-10000000000000>  
Enrollment Number: 10000

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors: Cyber Quince

**Roshni Koley**

Date: April 22, 2024

Length: 12 total hours



Certificate ID: UC-85365213-4771-4610-9028-01860714339  
Certificate URL: udemy.com/certificate/85365213-4771-4610-9028-01860714339  
Issuance Period: 2024

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors: **Marcus Mentl, Zechariah Tech**

## Roshni Koley

Date: **April 22, 2024**

Length: **17 total hours**



CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Shuvam Chakraborty**

Date: **May 12, 2024**

Length: **8 total hours**



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logus Academy**

**Shuvam Chakraborty**

Date: **May 12, 2024**

Length: **77 total hours**





CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors: **Dr. Angela Yu**

**Shuvam Chakraborty**

Date: **May 12, 2024**

Length: **58.5 total hours**



Certificate no: UC-af8d2c3e-96d0-4c90-8f93-1c294e446a7c  
Certificate url: udemy.com/UC-af8d2c3e-96d0-4c90-8f93-1c294e446a7c  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Soham Chatterjee**

Date: **June 7, 2022**

Length: **22 total hours**



Certificate no: UC-5853a90e-2453-4a2b-9879-8452bc0a1e71  
Certificate url: udemy/UC-5853a90e-2453-4a2b-9879-8452bc0a1e71  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors: Ivan Lourenço Gomes, Learn IT University, Andrii Platakha

**Soham Chatterjee**

Date: Jan. 13, 2022

Length: 17 total hours



Certificate no: UC-627b6f05-ad57-4766-8181-004c7a44c050  
Certificate url: <https://www.udemy.com/certificate/UC-627b6f05-ad57-4766-8181-004c7a44c050>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The complete AutoCAD 2018-21 course

Instructors **Jalprakash Pandey**

**Soham Chatterjee**

Date **June 6, 2022**

Length **18 total hours**



Certificate no: UC-a9x23099-0x30-461d-9241-c75639c7c5ed  
Certificate url: [www.udacity.com/certificate/UC-a9x23099-0x30-461d-9241-c75639c7c5ed](https://www.udacity.com/certificate/UC-a9x23099-0x30-461d-9241-c75639c7c5ed)  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **Complete PYTHON Programming for Beginners - 2022**

Instructors: **Hemanth kumar**

## **Soham Chatterjee**

Date: **June 8, 2022**

Length: **11 total hours**





Certificate no: UC-dac28ca9-2468-4389-b688-72c4447b7d8  
Certificate url: udemy/UC-dac28ca9-2468-4389-b688-72c4447b7d8  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Mastery 2023 with Dekker Fraser, MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Soham Chatterjee**

Date **March 7, 2023**

Length **58.5 total hours**



Certificate no: UC-1000b97e-8102-497c-af8a-4a866c67b907  
Certificate url: udemy/UC-1000b97e-8102-497c-af8a-4a866c67b907  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Ultimate C++ Beginner Course | 2022

Instructors **Alaaeldin Mohamed**

**Soham Chatterjee**

Date **March 7, 2023**

Length **13 total hours**



Certificate no: UC-bc58d37c-dc7f-4aa1-b309-e834879c9435  
Certificate url: [www.udacity.com/certificate/UC-bc58d37c-dc7f-4aa1-b309-e834879c9435](https://www.udacity.com/certificate/UC-bc58d37c-dc7f-4aa1-b309-e834879c9435)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2023

Instructors **Hemanth kumar**

## Soham Chatterjee

Date **April 9, 2023**

Length **45.5 total hours**



Certificate no: UC-80ccc29c-5ed1-42c5-b779-68293821ba  
Certificate url: [www.udemy.com/certificate/UC-80ccc29c-5ed1-42c5-b779-68293821ba](https://www.udemy.com/certificate/UC-80ccc29c-5ed1-42c5-b779-68293821ba)  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **The Complete SEO, Local SEO, Copywriting & WordPress Course**

**Instructors** Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy

## **Soham Chatterjee**

**Date** Feb. 4, 2024

**Length** 44.5 total hours





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ADITYA PANDEY**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **73** %

Online Assignments	22.75/25	Proctored Exam	50.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12432**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2024**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS57S557300003

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ADITYA PANDEY**

for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **70** %

Online Assignments	13.33/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1896**

**Feb-Apr 2024**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG17S657300058

To verify the certificate



No. of credits recommended: 2 or 3





Certificate no: UC-80355f72-c620-4544-adb1-9c643a91b2f3

Certificate url: [ude.my/UC-80355f72-c620-4544-adb1-9c643a91b2f3](https://udemy.com/UC-80355f72-c620-4544-adb1-9c643a91b2f3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Aditya Pandey

Date **May 2, 2024**

Length **77 total hours**



Certificate no: UC-9d83d07c-9dde-40a4-9052-d95d09f51193  
Certificate url: [ude.my/UC-9d83d07c-9dde-40a4-9052-d95d09f51193](https://ude.my/UC-9d83d07c-9dde-40a4-9052-d95d09f51193)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Sayan Santra

Date **March 23, 2023**

Length **34 total hours**



Certificate no: UC-9196fe28-af55-4b64-a65f-c88f1bef31cc

Certificate url: [ude.my/UC-9196fe28-af55-4b64-a65f-c88f1bef31cc](https://ude.my/UC-9196fe28-af55-4b64-a65f-c88f1bef31cc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Priya Shaw

Date **May 3, 2022**

Length **17 total hours**



# Georgia Institute of Technology

Feb 22, 2022

**PRIYA SHAW**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Nelson Baker  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/2MDL2T1633VXD](https://coursera.org/verify/2MDL2T1633VXD)

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-93eedbd-afdc-4376-8e88-1cf824c328a8

Certificate url: [ude.my/UC-93eedbd-afdc-4376-8e88-1cf824c328a8](https://udemy.com/UC-93eedbd-afdc-4376-8e88-1cf824c328a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Priya Shaw**

Date **May 5, 2022**

Length **8 total hours**



Certificate no: UC-4be9a1dc-1de4-45bb-a5c2-3bbb51562cd6

Certificate url: [ude.my/UC-4be9a1dc-1de4-45bb-a5c2-3bbb51562cd6](https://ude.my/UC-4be9a1dc-1de4-45bb-a5c2-3bbb51562cd6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript: Desde cero con NodeJS

Instructors **Numpi Cursos, Geovanny Gabriel**

**Priya Shaw**

Date **May 5, 2023**

Length **12 total hours**



Certificate no: UC-f3fe8ef3-9a4e-433c-af1c-0eece7e00720

Certificate url: [ude.my/UC-f3fe8ef3-9a4e-433c-af1c-0eece7e00720](https://ude.my/UC-f3fe8ef3-9a4e-433c-af1c-0eece7e00720)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Video Editing Masterclass: Edit Your Videos Like a Pro!

Instructors **Julian Melanson, Leap Year Learning**

## Priya Shaw

Date **May 5, 2023**

Length **16.5 total hours**





Certificate no: UC-8bee3e04-aeb3-4769-bf25-b7d082cb1a56

Certificate url: [ude.my/UC-8bee3e04-aeb3-4769-bf25-b7d082cb1a56](https://udemy.com/UC-8bee3e04-aeb3-4769-bf25-b7d082cb1a56)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google BigQuery & PostgreSQL: Big Query for Data Analysis

Instructors **Start-Tech Academy**

**Priya Shaw**

Date **Feb. 22, 2023**

Length **11.5 total hours**



Certificate no: UC-8c4a06a9-cc72-452d-96b6-9d111170aad1

Certificate url: [ude.my/UC-8c4a06a9-cc72-452d-96b6-9d111170aad1](https://ude.my/UC-8c4a06a9-cc72-452d-96b6-9d111170aad1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Figma Megacourse: UI/UX Design Beginner to Expert

Instructors **Creativity Unleashed**

## Priya Shaw

Date **May 5, 2022**

Length **24 total hours**





Certificate no: UC-3e954d55-3436-4aee-aff8-f2c9305bfc61

Certificate url: [ude.my/UC-3e954d55-3436-4aee-aff8-f2c9305bfc61](https://udemy.com/certificate/UC-3e954d55-3436-4aee-aff8-f2c9305bfc61)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

**Priya Shaw**

Date **May 5, 2022**

Length **11 total hours**



Certificate no: UC-a947845b-6ba4-436d-b00c-d399189e6d12  
Certificate url: [ude.my/UC-a947845b-6ba4-436d-b00c-d399189e6d12](https://ude.my/UC-a947845b-6ba4-436d-b00c-d399189e6d12)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

**Priya Shaw**

Date **May 7, 2022**

Length **12 total hours**



Certificate ID: 6454220-1062-4070 with 674664-02201  
Certificate URL: <https://www.udacity.com/certificate/6454220-1062-4070-with-674664-02201>  
Enrollment Number: 10324

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson**

## Labanya Sau

Date **May 25, 2022**

Length **71 total hours**



Certificate No. UC-82846464-2024-4423-4233-4233-4233-4233  
Certificate URL: <https://www.udemy.com/certificate/UC-82846464-2024-4423-4233-4233-4233-4233>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: **Hassan Fuleih**

## Labanya Sau

Date: **May 26, 2022**

Length: **10 total hours**



Certificate ID: UC9F82627-4646-4694-9444-469494469444  
Certificate URL: <https://www.udacity.com/certificate/UC9F82627-4646-4694-9444-469494469444>  
Issuing Month: 2024

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Labanya Sau**

Date **June 2, 2022**

Length **12 total hours**





Certificate ID: UC-46467648-4436-4636-4636-000000000000  
Certificate URL: udemy.com/certificate/award-4636-4636-4636-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

## Labanya Sau

Date **May 31, 2022**

Length **10 total hour**



Certificate of Completion with Hours Accredited by  
Udacity of California Institutional Unit 2019-2022  
Course Number: 2024

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Labanya Sau

Date: **May 31, 2022**

Length: **45 total hours**



Certificate no. UC-5879261-9382-4426-2284-1487762614884  
Certificate url: udemy.com/UC-5879261-9382-4426-2284-1487762614884  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Labanya Sau

Date **March 19, 2023**

Length **32 total hours**

**coursera**  
project  
network

Feb 9, 2024

**Labanya Sau**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Siegfried  
Senior Manager  
Global Market Access  
Executive Learning Group

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2XSGT0UWV50E>

Disclaimer: We guarantee the identity of this individual and their participation in the project.



Certificate no: UC-85889272-PTT-965-985-838a77e4229  
Certificate url: [www.udacity.com/certificate/UC-85889272-PTT-965-985-838a77e4229](https://www.udacity.com/certificate/UC-85889272-PTT-965-985-838a77e4229)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors **Marcus Menti, Zechariah Tech**

## Labanya Sau

Date **April 20, 2024**

Length **17 total hours**



**coursera**  
project  
network

Feb 3, 2014

**Labanya Sau**

has successfully completed

**Gamification Learning with Genially**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Rachal Lindsey*

Subject Matter  
Expert  
Acad. Director

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/238M72C5C124>

This seal has confirmed the identity of this individual and their  
contribution to the project.

**Duke**  
UNIVERSITY

Who is this?

**DIPANKAR MANNA**

For successful completion of

**Programming Fundamentals**

as well as all other criteria authorized by Duke University and Coursera



Assistant Vice President for Academic Affairs  
Duke University, Durham, NC 27708  
For additional information regarding this award, please contact [panagiotou@duke.edu](mailto:panagiotou@duke.edu)

**DUKE UNIVERSITY**  
<https://www.duke.edu>

**COURSE  
CERTIFICATE**



 **Georgia Institute**  
**of Technology**

Who is this?

**DIPANKAR MANNA**

For successful completion of

**Write Professional Emails in English**

as well as all other criteria authorized by Georgia Institute of Technology and Coursera



Assistant Vice President for Academic Affairs  
Georgia Institute of Technology, Atlanta, GA 30332  
For additional information regarding this award, please contact [panagiotou@gtu.edu](mailto:panagiotou@gtu.edu)

**GEORGIA INSTITUTE OF TECHNOLOGY**  
<https://www.gatech.edu>

**COURSE  
CERTIFICATE**



# M UNIVERSITY OF MICHIGAN

1906-10-1000

DIPANKAR MANNA

1906-10-1000

Programming for Everybody (Getting Started with Python)

1906-10-1000



1906-10-1000

COURSE  
CERTIFICATE



1906-10-1000



Certificate no. UC-07000780-407-4070-000-000-000078  
Certificate URL: <https://www.udacity.com/certificate/UC-07000780-407-4070-000-000-000078>  
Release Month: 2024

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Sayon Ghosh**

Date: March 14, 2023

Length: 34 total hours



Certificate ID: UC-8886628-6661-676-6666-666666666666  
Certificate URL: [https://www.udacity.com/certificate/UC-8886628-6661-676-6666-666666666666](#)  
Issued on: March 15, 2023

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Sayon Ghosh**

Date: March 15, 2023

Length: 22 total hours





Certificate ID: UC-988-c28a-922b-422a-928b75e99232192  
Certificate URL: udacity.com/certificate/UC-988-c28a-922b-422a-928b75e99232192  
Issued on: October 2024

CERTIFICATE OF COMPLETION

# Google Ads, YouTube Ads, Bing Ads & Google Retargeting Guide

Instructors: Ing. Tomas Moravek, Hazel Owens, SEO, Facebook Ads & Digital Marketing Academy

**Sayon Ghosh**

Date: **March 16, 2023**

Length: **12 total hours**



Certificate ID: UC-223456-7890-1234-5678-9012-3456  
Certificate URL: [https://www.udemy.com/certificate/UC-223456-7890-1234-5678-9012-3456](#)  
Issued on: March 16, 2023

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors: **Horizan Tech**

**Sayon Ghosh**

Date: **March 16, 2023**

Length: **13 total hours**



Certificate no. 27-1022023-163-4632-1636-163702376  
Certificate of completion for the course Xero vs. Excel 2023  
Reference Number: 2524

CERTIFICATE OF COMPLETION

# Xero vs. Excel 2023

Instructors: **Robert (Bob) Steele**

**Sayon Ghosh**

Date: **March 18, 2024**

Length: **69.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHASWATA BISWAS**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **53** %

Online Assignments	23/31/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10672**

*Devendra Jalilal*

**Prof. Devendra Jalilal**

Chairman,

Centre for Distance and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

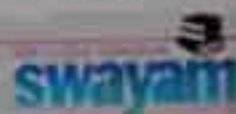
**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL30330533670073

To validate the certificate



No. of credits recommended: 3 or 4

**UCI** University of  
California, Irvine

Feb. 20, 2014

**ADITYA GHOSH**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Anil Kumar  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.universityofcalifornia.edu/certificate>

Coursera has verified the identity of the instructor and their  
participation in the course.





Apr 28, 2023

**ADITYA GHOSH**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Anil Kumar  
Global Program Director  
IBM Research

Hima Vasudeva  
IBM

Verify at:  
<https://coursera.org/verify/IBM/COURSERA>

Coursera has verified the identity of the instructor and their participation in the course.



May 13, 2013

**ADITYA GHOSH**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**Google**

Google

**COURSE  
CERTIFICATE**



Verify ID:

<https://coursera.org/join/ADITYA130513PS1077>

Coursera has verified the identity of the individual and their participation in the course.



Certificate no: UC-b4e53f63-d32d-4b43-a14b-cd7bcad37396

Certificate url: [ude.my/UC-b4e53f63-d32d-4b43-a14b-cd7bcad37396](https://ude.my/UC-b4e53f63-d32d-4b43-a14b-cd7bcad37396)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2024

Instructors **Hemanth kumar**

## Tania samanta

Date **July 3, 2024**

Length **45.5 total hours**



Certificate no: UC-68afa9e4-4cbd-459e-a69b-32afe5126e4c

Certificate url: [ude.my/UC-68afa9e4-4cbd-459e-a69b-32afe5126e4c](https://ude.my/UC-68afa9e4-4cbd-459e-a69b-32afe5126e4c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master JavaScript, HTML, and CSS with 30 Projects in 30 Days

Instructors **Vijay Kumar**

## Tania samanta

Date **July 3, 2024**

Length **18.5 total hours**



Certificate no: UC-c0a96a64-0052-4604-83a0-e426c33192a5

Certificate url: [ude.my/UC-c0a96a64-0052-4604-83a0-e426c33192a5](https://ude.my/UC-c0a96a64-0052-4604-83a0-e426c33192a5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Red Teaming | Exploit Development with Assembly and C | MSAC+

Instructors **OCSALY Academy** | 380.000+ Students - Ethical Hacking

## Tania samanta

Date **July 3, 2024**

Length **18.5 total hours**





Certificate ID: udemy-16-3826234-2023-9894-4244-9826234  
Certificate URL: <https://www.udemy.com/certificate/award/udemy-16-3826234-2023-9894-4244-9826234>  
Issued: 2023-05-22

CERTIFICATE OF COMPLETION

# **Business Communication and Ethics in Organizations -2023**

Instructors: **OZIS Academy**

**Roumyajit Ghosh**

Date: **May 22, 2023**

Length: **21.5 total hours**



Certificate No. UC-COMPL-2023-0505-2143220000476  
Certificate URL: [udemy.com/certificate/2023-0505-2143220000476](#)  
Reference Number: 2023

CERTIFICATE OF COMPLETION

# Master English Grammar - Advanced Level

Instructors: **Dave Skypellessons**

**Roumyajit Ghosh**

Date: **May 22, 2023**

Length: **34.5 total hours**



Udemy Inc. 221 Woodland Ave. San Francisco, CA 94104  
© 2023 Udemy Inc. All rights reserved. [Privacy Policy](#) [Terms of Service](#)  
Reference Number: 12345

CERTIFICATE OF COMPLETION

# Neural Networks in Python: Deep Learning for Beginners

Instructors: Start-Tech Academy

**Roumyajit Ghosh**

Date: May 21, 2023

Length: 9.5 total hours



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All other trademarks are the property of their respective owners.

CERTIFICATE OF COMPLETION

# Graph Theory Algorithms in Java

Instructors: Md. A. Bari

**Roumyajit Ghosh**

Date: May 22, 2023

Length: 10 total hours



Completed on 2024-03-14 10:00:00 UTC  
Certificate ID: 2024-03-14 10:00:00 UTC  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: Logos Academy

**Asmita Chakraborty**

Date: March 14, 2024

Length: 77 total hours





Certificate ID: UC-9880274-5684-663-4680-980274  
Certificate URL: <https://www.udacity.com/certificate/UC-9880274-5684-663-4680-980274>  
Enrollment Number: 000

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: **Hudson Tech**

**Asmita Chakraborty**

Date: **May 8, 2024**

Length: **12.5 total hours**



May 10, 2014

**Asmita Chakraborty**

has successfully completed

**Ethics in Engineering**

an online professional course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that reads 'David A. Chaffin'.

David A. Chaffin, Michigan Institute for Complex Systems, Department of Industrial Engineering

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/MI21021455M1404>

Coursera has confirmed the identity of this individual and their participation in this course.



May 8, 2022

**Indrani Neogi**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "Amy Lashley".

Amy Lashley  
Deputy  
CT Learning Solutions

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/INDRANI02162022>

Coursera has confirmed the identity of the individual and their affiliation to the course.



July 21, 2022

**Indrani Neogi**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severack  
Clinical Professor, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://www.coursera.org/verify/COURSERACERTM71>

Coursera has confirmed the identity of this individual and their participation in the course.



Dec 2, 2023

**Indrani Neogi**

has successfully completed

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



*Joel A. Johnson*

Joel Johnson  
Sr. Director  
IBM

Deep Kulkarni  
Sr. Director  
IBM

Verify at:  
<https://coursera.org/verify/C631PAC1726>  
Coursera has confirmed the identity of this individual and their participation in the course.





July 2, 2024

**Indrani Neogi**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

*Rajivjit Ray*

Deputy, Operations, IIT  
IIM Centre School of Business  
IIM Centre School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/INDIANISB2024>  
Coursera has confirmed the identity of this individual and their participation in the course.



Get Fresh on UC 342889477c-491c-419c-884826531e48  
Certificate ID: udemy/UC 342889477c-491c-419c-884826531e48  
Release Month: 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Indrani Neogi**

Date **May 10, 2023**

Length **128 total hours**



**Verified  
Certificate**

**HarvardX**

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**HUM12x: Masterpieces of World Literature**

a course of study offered by HarvardX, an online learning initiative of Harvard University.

Martin Puchner

Byron and Anita Wien Professor of Drama and of English and Comparative Literature

Harvard University

David Damrosch

Ernest Bernbaum Professor of Literature

Harvard University



**Verified Certificate**

issued May 11, 2024

**Valid Certificate ID**

64c5784cc288439698b2114b6d41a009

**Verified  
Certificate**



Kim Allison, Ph.D.

Data Scientist

IBM Development Skills Network

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**DL0101EN: Deep Learning Fundamentals with Keras**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued May 8, 2023

Valid Certificate ID  
6085121243n06242881724e0478846a1



# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Dr. Barbara Entwhistle Peterson

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
University of Washington Center of Academic Excellence



Verified Certificate  
Issued May 6, 2023

Valid Certificate ID  
3d2de0132e87280c52532c08d082e8

# Verified Certificate



Anil Kumar  
Ph.D., Data Scientist  
IBM

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued May 8, 2023

Valid Certificate ID  
[120823015526694ed000930150ed0528](#)

**Verified**  
Certificate



This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**LFS141x: Exploring GraphQL: A Query Language  
for APIs**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cybil Swanson'.

Cybil Swanson

SVP & General Manager, Training and Certification

The Linux Foundation



Verified Certificate  
Issued May 6, 2023

Valid Certificate ID  
[6158a0891772428a870280b-435aef0aa](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Manish Sahasra".

**Manish Sahasra**

Director, Training and Certification

American Web Services (AWS)

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued May 4, 2023

Valid Certificate ID  
[612b95773e8740e96e33000000000000](#)

**Verified  
Certificate**



Loek Rietveld  
Professor in Urban Water Cycle Technology  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology

Sjoerd van Marum  
Assistant Professor in Drinking Water  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**CTB3365DWx: Drinking Water Treatment**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology.



Verified Certificate  
issued June 1, 2023

Valid Certificate ID  
c7d6210332464077a8912a60f6e8f225



# Verified Certificate



Anand Data Science Program Director

IBM

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued June 2, 2022

Valid Certificate ID  
[0101en-22b08a81-2022/0101en-22b08a81](https://www.ibm.com/learning/certificates/0101en)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'GVP &amp; General Manager, Training &amp; Certification'.

GVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 4, 2022

Valid Certificate ID  
[01425a9577e12d7f800c50811a07f6e43c](https://www.linuxfoundation.org/certificates/01425a9577e12d7f800c50811a07f6e43c)

**Verified  
Certificate**



This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cypto Biswas'.

Cypto Biswas

VP & General Manager, Training & Certification

The Linux Foundation



Verified Certificate  
Issued June 1, 2023

Valid Certificate ID  
[044004270c714e33a0c98b288ec721038](#)

*Faculty Name*

*Signature*

Dwight A. King Professor of Educational Leadership  
Harvard University

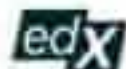
This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued July 21, 2021

Valid Certificate ID  
<https://www.harvard.edu/verified>

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

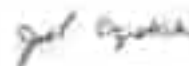
This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Joel Swadlow

Lecturer, International & English Language Programs  
University of Washington



Verified Certificate  
Issued January 19, 2021

Valid Certificate ID  
[2021e53c7c51e480c8e79ed15932415d1](#)





AMERICAN MUSEUM  
OF NATURAL HISTORY



COURSE  
CERTIFICATE

Jan 20, 2021

**Subhojit Biswas**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History Howard Hughes Medical Institute and offered through Coursera.



Aron Pomeroy  
Director, Center for Diversity and Communication  
American Museum of Natural History

Verify at [coursera.org/verify/5271E4084024](https://coursera.org/verify/5271E4084024)

Coursera and hhmi do not store or share your identity or other personal information with third parties.

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Louagat".

**Mounir Louagat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued March 31, 2021

Valid Certificate ID  
6260281296c481ced483e62c431084



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

Feb 29, 2022

**Subhojit Biswas**

has successfully completed

**Code Yourself! An Introduction to Programming**

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Amit Maitra  
School of Informatics  
The University of Edinburgh

Dr. Luis Barak  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/NNjHTQx8E8PU](https://coursera.org/verify/NNjHTQx8E8PU)

Coursera has confirmed the identity of this individual and their participation in the course.

**Verified**  
Certificate



  
Jyoti Senanayake  
Data Scientist  
IBM

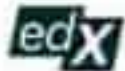
This is to certify that

**Subhojit Biswas**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued July 21, 2011

Valid Certificate ID  
[1361220254f9c0f9c0c0c0c0c0c0c0c0c0](#)



University of Colorado

Business | Education | Health | Innovation | Natural Sciences

Jan 4, 2021

**Subhojit Biswas**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera.

*Matthew Korchmann*

Matthew K. Korchmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/wallet/certificates](https://coursera.org/wallet/certificates)

Coursera is not affiliated with the University of Colorado Boulder and does not guarantee the quality of the course.





# Georgia Institute of Technology

Dec 26, 2020

**Subhojit Biswas**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

15th Aug. 2022

**Subhojit Biswas**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Ward, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/\[TNRHGMV\]PY](https://coursera.org/verify/[TNRHGMV]PY)

Coursera has certified the identity of this individual and their  
participation in the course.



February 2021

**Subhojit Biswas**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivpal*

Rajivpal Rajivpal PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/PAUUS66V5VF2](https://coursera.org/verify/PAUUS66V5VF2)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650435

To  
SHAHEEN PARWEEN  
2/B SHIBPUR BYE LANE BANSBERIA HOOGHLY  
MOERA  
HOOGHLY  
WEST BENGAL - 712502  
PH. NO :8100137697



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAHEEN PARWEEN**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **71** %

Online Assignments	23.56/25	Programming Exam	25/25	Proctored Exam	22.87/50
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Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thompson*

Prof. Andrew Thompson  
NPTEL, Co-ordinator  
IIT Madras



Indian Institute of Technology Madras





Dec 23, 2022

**Abhishek Santra**

has successfully completed

**Introduction to Git and GitHub**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:

<https://coursera.org/verify/7A38WAS9IMLS>

Coursera has confirmed the identity of this individual and their participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

1 Jan 19, 2022

**Abhishek Santra**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Ward, Duncan Pritchard, Yannis Liaras, Matthew Crummin, Allan Hahnel, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SMYQ6A4M8NYS](https://coursera.org/verify/SMYQ6A4M8NYS)

Coursera has certified the identity of this individual and their  
participation in the course.



UNIVERSITY OF  
ALBERTA

Jan 5, 2023

Abhishek Santra

has successfully completed

Problem Solving, Python Programming, and Video Games

an online non-credit course authorized by University of Alberta and offered through Coursera

Professor of Computing Science

Professor of Computing Science

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/3ERTW01985M3>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-2a84bc52-367b-43ef-8e82-7184867fa897

Certificate url: [ude.my/UC-2a84bc52-367b-43ef-8e82-7184867fa897](https://ude.my/UC-2a84bc52-367b-43ef-8e82-7184867fa897)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Abhishek Santra

Date **May 7, 2023**

Length **33.5 total hours**



Certificate no: UC-9f30c024-a6b7-40ba-b819-564e577b0296

Certificate url: [ude.my/UC-9f30c024-a6b7-40ba-b819-564e577b0296](https://ude.my/UC-9f30c024-a6b7-40ba-b819-564e577b0296)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - The complete guide for beginners 2023 (Hindi)

Instructors **Prashant Mishra**

## Abhishek Santra

Date **April 4, 2023**

Length **10.5 total hours**





Certificate no: UC-86bfc662-fe54-4227-a71b-ae07f20ba913  
Certificate url: [ude.my/UC-86bfc662-fe54-4227-a71b-ae07f20ba913](https://ude.my/UC-86bfc662-fe54-4227-a71b-ae07f20ba913)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2024

Instructors **Hemanth kumar**

## Abhishek Santra

Date **May 3, 2024**

Length **17 total hours**





Certificate no: UC-c082e539-25cc-4157-8464-83fa7e7d37f0

Certificate url: [ude.my/UC-c082e539-25cc-4157-8464-83fa7e7d37f0](https://ude.my/UC-c082e539-25cc-4157-8464-83fa7e7d37f0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Abhishek Santra

Date **May 6, 2024**

Length **34 total hours**



# Georgia Institute of Technology

Dec 6, 2021

**Abhishek Santra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Leshure".

Gerry Leshure  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/AEQ285NDPR9](https://coursera.org/verify/AEQ285NDPR9)

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b

Certificate url: [ude.my/UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b](https://ude.my/UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript Fundamentals (2024): From Basics to Brilliance

Instructors **Programming Hub**

**Subham Dutta**

Date **April 9, 2024**

Length **9 total hours**



Certificate no: UC-374c9090-0c30-49e5-a733-f1fe82977b77

Certificate url: [ude.my/UC-374c9090-0c30-49e5-a733-f1fe82977b77](https://ude.my/UC-374c9090-0c30-49e5-a733-f1fe82977b77)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Desktop: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

**Subham Dutta**

Date **April 10, 2024**

Length **167.5 total hours**





Certificate no: UC-95c3510d-bc80-4e20-9008-873b9abfa319  
Certificate url: [ude.my/UC-95c3510d-bc80-4e20-9008-873b9abfa319](https://ude.my/UC-95c3510d-bc80-4e20-9008-873b9abfa319)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2024

Instructors **Web Coding**

## Subham Dutta

Date **April 10, 2024**

Length **8.5 total hours**





Certificate no: UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee

Certificate url: [ude.my/UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee](https://ude.my/UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Subham Dutta

Date **April 9, 2024**

Length **8 total hours**



Certificate no: UC-1b179514-5251-4541-a777-8e3c93df6406

Certificate url: [ude.my/UC-1b179514-5251-4541-a777-8e3c93df6406](https://www.udemy.com/certificate/UC-1b179514-5251-4541-a777-8e3c93df6406)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Complete Course And Flask Framework, HTML Essentials

Instructors **Horizon Tech**

**Subham Dutta**

Date **April 9, 2024**

Length **9.5 total hours**



Certificate no: UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b

Certificate url: [ude.my/UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b](https://ude.my/UC-c7d857e8-7e89-4127-bbd2-0d3216f9357b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript Fundamentals (2024): From Basics to Brilliance

Instructors **Programming Hub**

## Subham Dutta

Date **April 9, 2024**

Length **9 total hours**





Certificate no: UC-374c9090-0c30-49e5-a733-f1fe82977b77

Certificate url: [ude.my/UC-374c9090-0c30-49e5-a733-f1fe82977b77](https://ude.my/UC-374c9090-0c30-49e5-a733-f1fe82977b77)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Desktop: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

## **Subham Dutta**

Date **April 10, 2024**

Length **167.5 total hours**



Certificate no: UC-95c3510d-bc80-4e20-9008-873b9abfa319  
Certificate url: [ude.my/UC-95c3510d-bc80-4e20-9008-873b9abfa319](https://ude.my/UC-95c3510d-bc80-4e20-9008-873b9abfa319)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2024

Instructors **Web Coding**

## Subham Dutta

Date **April 10, 2024**

Length **8.5 total hours**





Certificate no: UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee

Certificate url: [ude.my/UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee](https://ude.my/UC-79fb20bd-5a63-43d2-9914-1eca9306f0ee)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Subham Dutta

Date **April 9, 2024**

Length **8 total hours**



Certificate no: UC-1b179514-5251-4541-a777-8e3c93df6406

Certificate url: [ude.my/UC-1b179514-5251-4541-a777-8e3c93df6406](https://udemy.com/certificate/UC-1b179514-5251-4541-a777-8e3c93df6406)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Complete Course And Flask Framework, HTML Essentials

Instructors **Horizon Tech**

## Subham Dutta

Date **April 9, 2024**

Length **9.5 total hours**



Certificate no: UC-99b6fe42-1787-48e5-a6c7-0bbe972b0c8  
Certificate url: [ude.my/UC-99b6fe42-1787-48e5-a6c7-0bbe972b0c8](https://udemy.com/UC-99b6fe42-1787-48e5-a6c7-0bbe972b0c8)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors **YouAccel Training**

**Subham Dutta**

Date **May 18, 2023**

Length **11.5 total hours**





Certificate no: UC-8f5bd26a-374c-41e8-86a3-9c46efec64f9

Certificate url: [ude.my/UC-8f5bd26a-374c-41e8-86a3-9c46efec64f9](https://ude.my/UC-8f5bd26a-374c-41e8-86a3-9c46efec64f9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS, JavaScript, React | Deploy Web Apps on the Cloud**

Instructors **YouAccel Training**

## **Subham Dutta**

Date **May 18, 2023**

Length **25 total hours**

# **M** UNIVERSITY OF MICHIGAN

May 5, 2022

**Parnamoy Modak**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



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<https://coursera.org/verify/9F0B44C38P10>

Coursera has confirmed the identity of this individual and their participation in the course.





May 5, 2022

**Parnamoy Modak**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/678043548642>

Coursera has confirmed the identity of this individual and their participation in the course.



May 23, 2021

**Parnamoy Modak**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/826TV8THA9Z/>

Coursera has certified the identity of this individual and their participation in the course.



May 23, 2021

**Parnamoy Modak**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

**COURSE  
CERTIFICATE**



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[coursera.org/verify/0V8Y9528711](https://coursera.org/verify/0V8Y9528711)

Coursera has certified the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between this learner and PhD (word) or  
right at this learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



May 23, 2021

**Parnamoy Modak**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghahai".

Martin Ghahai, Steven Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/jwt/v1/D8AAXP8GPW>

Coursera has certified the identity of this individual and their participation in the course.



May 16, 2023

Parnamoy Modak

has successfully completed

Finding Purpose and Meaning In Life: Living for  
What Matters Most

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink that reads 'Victor J. Stecher'.

Victor J. Stecher  
Professor  
School of Public Health and Medicine

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/7180768T59D8>

Coursera has confirmed the identity of the individual and their participation in the course.



# CALARTS

May 12, 2023

Parnamoy Modak

has successfully completed

Plan a Successful Freelancing Business

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

Tatiana Mulry  
Faculty  
Extended Studies

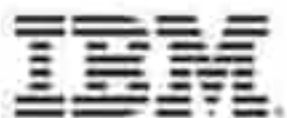
COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/8HO7xH8C9s7x>

Coursera has certified the identity of this individual and their participation in the course.



May 12, 2023

**Parnamoy Modak**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terry Puckett*

Terry Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/SLS7UDR6CR>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-0520556c-d88e-4ce0-b0ab-9c4786d972b6

Certificate url: [ude.my/UC-0520556c-d88e-4ce0-b0ab-9c4786d972b6](https://ude.my/UC-0520556c-d88e-4ce0-b0ab-9c4786d972b6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# [NEW] Spring Boot 3, Spring 6 & Hibernate for Beginners

Instructors **Chad Darby**

**Parnamoy Modak**

Date **May 2, 2024**

Length **34 total hours**



Certificate no: UC-4d985c0a-d04a-4378-8df1-ade26f5505b6  
Certificate url: [ude.my/UC-4d985c0a-d04a-4378-8df1-ade26f5505b6](https://ude.my/UC-4d985c0a-d04a-4378-8df1-ade26f5505b6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build from Scratch a Modern REST API with PHP 8

Instructors **Pierre-Henry Soria**

**Parnamoy Modak**

Date **May 2, 2024**

Length **17.5 total hours**



# Georgia Institute of Technology

May 12, 2022

**Parnamoy Modak**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/JLAMPYB9U7MFD>

Coursera has certified the identity of this individual and their participation in the course.





# CERTIFICATE OF COMPLETION

Presented to

**Pradipta Seth**

For successfully completing a free online course  
**Python Programming in Hindi**

Provided by

**Great Learning Academy**

(On May 2024)



Certificate no. UC-568789-045-456-789-0123456789  
Certificate of Udemy/CU-568789-045-456-789-0123456789  
Reference Number: 5024

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Debjit Bag**

Date **May 9, 2024**

Length **77 total hours**



Certificate no: UC-2155aw4-462-4852-4282-465aw20256  
Certificate url: udemy/UC-2155aw4-462-4852-4282-465aw20256  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**Debjit Bag**

Date **May 10, 2024**

Length **12.5 total hours**



Certificate ID: 75d7945-4234-496-8821-0380221a7f9  
Certificate URL: <https://www.udacity.com/certificate/75d7945-4234-496-8821-0380221a7f9>  
Reference Number: 0294

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations

Instructors: **OZIS Academy**

**Debjit Bag**

Date: **May 8, 2024**

Length: **21.5 total hours**



Certificate no UC-807a248-7c3b-4021-9d88-cba482264327  
Certificate url udemy/UC-807a248-7c3b-4021-9d88-cba482264327  
Reference Number 8294

CERTIFICATE OF COMPLETION

# JavaScript Projects Course

## Build 20 Projects in 20 Days

Instructors **Vijay Kumar**

**Debjit Bag**

Date **May 11, 2024**

Length **13.5 total hours**





*Saylor Academy awards*

**Debjit Bag**

*this certificate of achievement for*

**ESL004: Advanced English as a Second Language**

Issue Date: May 7, 2024

Certificate ID: [1391286361DB](#)

  
Michael J Saylor

 **saylor.org**  
ACADEMY



THE UNIVERSITY  
of EDINBURGH

May 23, 2024

**Prabhat Kumar JHA**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

*Prof. David Gauthier, Ph.D. (1974)  
Department of Philosophy  
University of Edinburgh*

David Gauthier, Ph.D. (1974), Matthew Christie, Ph.D. (2005), Michael Stutchman, Ph.D. (2008)  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/PY04533RANR>

Coursera has validated the identity of this individual and their participation in the course.



Certificate ID: UC-2010ac3-c16b-4402-b27b-e497c154871e  
Certificate URL: udemy.com/my/UC-2010ac3-c16b-4402-b27b-e497c154871e  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Prabhat Kumar Jha**

Date **May 25, 2024**

Length **77 total hours**



Certificate ID: UC-3a2982c8-5a0f-4779-b404-34493a75d0ff  
Certificate URL: [www.udacity.com/certificate/UC-3a2982c8-5a0f-4779-b404-34493a75d0ff](https://www.udacity.com/certificate/UC-3a2982c8-5a0f-4779-b404-34493a75d0ff)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors **Dr. Angela Yu**

**Prabhat Kumar Jha**

Date **May 25, 2024**

Length **58.5 total hours**



Certificate no: UC-5735bb6b-33d2-4822-ad17-85d42439d990  
Certificate url: [ude.my/UC-5735bb6b-33d2-4822-ad17-85d42439d990](https://ude.my/UC-5735bb6b-33d2-4822-ad17-85d42439d990)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Ethical Hacking in 43 Hours: Certificated CSEH+CEH 2024

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Shrestha Banerjee

Date **May 5, 2024**

Length **43 total hours**





Certificate no: UC-14fd2505-03d3-48fc-a891-38018e18ebe5

Certificate url: [ude.my/UC-14fd2505-03d3-48fc-a891-38018e18ebe5](https://ude.my/UC-14fd2505-03d3-48fc-a891-38018e18ebe5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors **Web Coding**

## Shrestha Banerjee

Date **March 16, 2023**

Length **9.5 total hours**



Certificate no: UC-780ecbf9-f72f-4ef9-a5e9-45bff5601cb3

Certificate url: [ude.my/UC-780ecbf9-f72f-4ef9-a5e9-45bff5601cb3](https://ude.my/UC-780ecbf9-f72f-4ef9-a5e9-45bff5601cb3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Automation PyTest Course for 2023

Instructors **Martin Yanev, Plamen Yanev**

## Shrestha Banerjee

Date **March 14, 2023**

Length **9 total hours**



Certificate no: UC-db075912-25d1-4da6-8f66-441180f07852

Certificate url: [ude.my/UC-db075912-25d1-4da6-8f66-441180f07852](https://ude.my/UC-db075912-25d1-4da6-8f66-441180f07852)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PyCharm Productivity and Debugging Techniques

Instructors **Martin Yanev**

## **Shrestha Banerjee**

Date **March 14, 2023**

Length **9.5 total hours**





Certificate no: UC-28bd830c-5f8c-4a69-a58a-ff699e3d4863

Certificate url: [ude.my/UC-28bd830c-5f8c-4a69-a58a-ff699e3d4863](https://ude.my/UC-28bd830c-5f8c-4a69-a58a-ff699e3d4863)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Shrestha Banerjee

Date **March 16, 2023**

Length **32 total hours**

# UC SANTA CRUZ

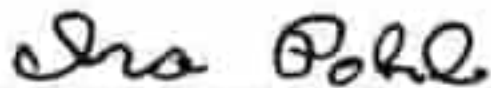
Mar 23, 2023

Coursera Learner

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Professor De Paul, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/MB6VWMPG05G1>

Coursera has confirmed the identity of this individual and their  
participation in the course





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CERTIFICATE OF COMPLETION

# AWS, JavaScript, React | Deploy Web Apps on the Cloud

Instructor: **Nitish Kumar Mahto**

**Nitish Kumar Mahto**

Date: **May 18, 2022**  
Length: **28 total hours**



Udemy Inc. 200000th Avenue, Suite 8000  
San Diego, CA 92123, United States  
© 2020 Udemy, Inc.

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructor: Nitish Kumar Mahto

**Nitish Kumar Mahto**

Date: May 16, 2020

Length: 75.2 total hours



Certificate ID: 00000000000000000000000000000000  
Certificate URL: [https://www.udacity.com/certificate/00000000000000000000000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Ethical capitalism

Instructors: **Chris Sivewright**

**Ankit Das**

Date: **Jan. 25, 2023**

Length: **11 total hours**



Certificate ID: 48282466-8246-4827-8422-4827212121  
Certificate of Completion ID: 4827-8422-48282466-8246  
Reference Number: 8246

CERTIFICATE OF COMPLETION

# Secure Networking - A Company Network Project on Open-Source

Instructors: Seyed Farshid Miri, Seyed Farhad Miri

**Ankit Das**

Date: Jan. 27, 2023

Length: 15.5 total hours



CERTIFICATE OF COMPLETION  
Certificate awarded to Ankit Das on 27 Jan 2023  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Crisis Management

Instructors: **Chris Sivewright**

**Ankit Das**

Date: **Jan. 27, 2023**

Length: **10 total hours**





CERTIFICATE OF COMPLETION  
Certificate of Completion for AWS Solutions Architect Associate [2022]  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# AWS Services for Solutions Architect Associate [2022]

Instructors: EdYoda Digital University, Ashish Pandey

**Ankit Das**

Date: Jan. 25, 2023

Length: 11 total hours



CERTIFICATE OF COMPLETION  
COMPLETED COURSE: COMPLETE ADOBE PREMIERE PRO  
MEGACOURSE: BEGINNER TO EXPERT  
Reference Number: 1000

CERTIFICATE OF COMPLETION

# Complete Adobe Premiere Pro Megacourse: Beginner to Expert

Instructors: Creativity Unleashed

**Ankit Das**

Date: May 27, 2022

Length: 29.5 total hours

**Duke**  
UNIVERSITY

Dec 21, 2019

**ANKIT DAS**

has successfully completed

**Programming Foundations with JavaScript, HTML  
and CSS**

an online learning course authorized by Duke University and offered through Coursera.



Course ID: <https://coursera.org/learn/7YU2882UR8E8G>  
Student ID: <https://coursera.org/learn/7YU2882UR8E8G>  
This document is valid only for the purpose of course completion.  
Duke University is not responsible for the accuracy of the information provided on this certificate.

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/7YU2882UR8E8G](https://coursera.org/verify/7YU2882UR8E8G)

Coursera has verified the authenticity of this document and that  
you are the student of the course.



Meet your instructor

**ANKIT DAS**

has successfully completed

**C++ Basics: Selection and Iteration**

and now receives credit towards their degree through Coursera

Head of  
University Partnerships  
Coursera

Elizabeth M. Johnson  
VP of Global  
Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/XJ2Z7RQ3K3L>

Coursera has validated the identity of this individual and their performance in this course.



Certificate no. UD-42264027-404-433-8755-8421549106  
Certificate of Udemy (UD-42264027-404-433-8755-8421549106)  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors: Robert (Bob) Steele

**Deep kumar Das**

Date: March 17, 2023

Length: 22 total hours





Certificate no. UC-162932-875d-487b-4786-4754c14d13f  
Certificate url: [www.udacity.com/certificate/UC-162932-875d-487b-4786-4754c14d13f](https://www.udacity.com/certificate/UC-162932-875d-487b-4786-4754c14d13f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Rob) Steele, Jane Clark

**Deep kumar Das**

Date: March 10, 2023

Length: 34 total hours



Certificate no: UC-bb3de192-3fa2-4ab9-9d58-85718f567aba

Certificate url: [ude.my/UC-bb3de192-3fa2-4ab9-9d58-85718f567aba](https://udemy.com/UC-bb3de192-3fa2-4ab9-9d58-85718f567aba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Santam Sarkar

Date **May 7, 2024**

Length **17 total hours**



**Penn**  
UNIVERSITY OF PENNSYLVANIA

May 11, 2024

**Santam Sarkar**

has successfully completed

**Ancient Philosophy: Plato & His Predecessors**

an online non-credit course authorized by University of Pennsylvania and offered through  
Coursera

Susan David Meyer Ph.D.  
Professor  
Department of Philosophy

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/C69270014362](https://coursera.org/verify/C69270014362)

Coursera has certified the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from a course taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



May 12, 2024

**Santam Sarkar**

has successfully completed

**Introduction to Technical Writing**

an online non-credit course authorized by Board Infinity and offered through Coursera

*Abhay Gupta*

Abhay Gupta, Co-Founder Board Infinity

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/STFLKTT85D92D>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

May 16, 2024

Santam Sarkar

has successfully completed

Ethics in Engineering

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/44A92F8PD50W>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-8e9c2f03-610a-46e8-b80c-83ad51b0f396

Certificate url: [udemy.com/certificate/UC-8e9c2f03-610a-46e8-b80c-83ad51b0f396](https://udemy.com/certificate/UC-8e9c2f03-610a-46e8-b80c-83ad51b0f396)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Branding & Brand Management with Dekker: Branding Strategy+

Instructors **Dekker Fraser, MBA**

**Santam Sarkar**

Date **May 16, 2024**

Length **11.5 total hours**

# CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Srijan Chatterjee

for successfully completing a Course about

**Python programming language**

Certified No.  
**2453876973**

*mindluster*

Signature



2023-05-14

Date

# CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Srijan Chatterjee

for successfully completing a Course about

**Soft Skills for developers**

Certified No.  
2453874155

*mindluster*

Signature



2023-05-14

Date



**4TU** Centre for Ethics  
and Technology.

May 13, 2023

**Srijan Chatterjee**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

A handwritten signature in black ink, appearing to read "Lucille Roelkens".

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/KUJUTL9Z6HLY>

Coursera has certified the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

14th Oct. 2022

**Dipanjan Kundu**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre Whalen, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hahnel, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/FT2V6UCDR2MA](https://coursera.org/verify/FT2V6UCDR2MA)

Coursera has certified the identity of this individual and their  
participation in the course.





Jul 10, 2023

**Dipanjan Kundu**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verity at [coursera.org/verity/835274YJ70EC](https://coursera.org/verity/835274YJ70EC)

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

Dec 5, 2020

Dipanjan Kundu

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/P8457P3V8JJV](https://coursera.org/verify/P8457P3V8JJV)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Gita Ramesh'.

Gita Ramesh  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 28, 2022

Valid Certificate ID  
[63a8f72c379240094d814d119d37288d](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Dr. Barbara Endicott-Popovsky

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
*University of Washington Center of Academic Excellence*



Verified Certificate  
Issued May 10, 2023

Valid Certificate ID  
3a597e77798843698c15e41e9ae0711e

# Verified Certificate



Ravi Anup

AI and Data Science Program Director



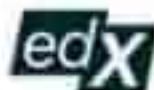
This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
issued May 10, 2023

Valid Certificate ID  
[ad9ffaf36d3bd4da1eb7b023460f9ca38](#)



# Verified Certificate



Aiesha Akhtar, Ph.D.

Data Scientist

IBM Developer Skills Network

This is to certify that

## Dipanjan Kundu

successfully completed and received a passing grade in

## DL0101EN: Deep Learning Fundamentals with Keras

a course of study offered by IBM, an online learning initiative of IBM.

**Verified Certificate**

Issued May 10, 2023

**Valid Certificate ID**[93a8f222324c46848a2d8a10874384f1](#)

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



Technische Universität München

This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Heidi Mörsing

Head of English

TUM Language Center



Dr. Anette Blum

Deputy

TUM Language Center




VERIFIED CERTIFICATE  
Issued January 13, 2021

VALID CERTIFICATE ID:  
36427344333443334433344333443334

**Verified**  
Certificate

**IBM**

This is to certify that

  
Dipanjan Kundu  
Data Scientist  
IBM

**Dipanjan Kundu**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.

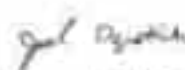


Verified Certificate  
Issued June 22, 2021

Valid Certificate ID  
3f55a4f2375433a259e21b00172443ad

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Julie Dowdell

Lecturer, International & English Language Programs  
University of Washington

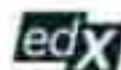
This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued May 20, 2021

Valid Certificate ID:  
<https://www.washington.edu/online/learning/verified-certificate>

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued May 10, 2023

**Valid Certificate ID**  
[5a51604dd09c4780926eac587c89b08a](https://certificates.edx.org/verify/ea5e91804dc0b04780926eac587c89b08a?_ga=1*giwqa2*_ga*3517e0Tg0ND0AwLJE2MTYzOTU5MDk*_ga_238546M0T0*MTY4Mzozw0T0wA9S4cLJEAMTY4Mzozw0Mz...)



**Verified**  
Certificate



A handwritten signature in black ink, appearing to read 'Chris Wilson'.

Chris Wilson

VVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Dipanjan Kundu**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
issued June 8, 2022

Valid Certificate ID  
[88e74300552940e881a23a70ee202cd1](#)



Certificate no: UC-e7545ab2-3c34-440f-9f87-b4b444456785

Certificate url: [ude.my/UC-e7545ab2-3c34-440f-9f87-b4b444456785](https://ude.my/UC-e7545ab2-3c34-440f-9f87-b4b444456785)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

## Dipanjan Kundu

Date **May 25, 2022**

Length **19.5 total hours**



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jul 16, 2023

Diphanjan Kundu

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Pinescinski  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/GSPWA4FSMK3R](https://coursera.org/verify/GSPWA4FSMK3R)

Coursera has verified the identity of this individual and their participation in the course.

# Verified Certificate



Sanjiv Kumar  
AI and Data Science Program Director  
IBM

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 5, 2023

Valid Certificate ID

8982e452b83240ccalb3aa33a98bf0e32

**Verified  
Certificate**



This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Cypto Neeraj

HR & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued Nov 4, 2023

Valid Certificate ID  
12a579d34b58a00fa72a00810788e57



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Louergat".

**Mounir Louergat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued May 4, 2023

Verified Certificate ID  
32ca7d15e1084952d5453b710e85c512

# Verified Certificate



This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**CTB3365DWx: Drinking Water Treatment**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology.

Louis Rietveld  
Professor in Urban Water Cycle Technology  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology

Denis van Halbeek  
Assistant Professor in Drinking Water  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



**Verified Certificate**  
Issued April 20, 2022

**Valid Certificate ID**  
[0337811-4231e414-306497a7616ca762d3](https://courses.edx.org/certificates/0337811-4231e414-306497a7616ca762d3)

# Verified Certificate



This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.

Ravi Ahuja

AI and Data Science Program Director

IBM

Upinder Lalwani

Senior Developer Advocate

IBM



**Verified Certificate**

Issued February 10, 2023

**Valid Certificate ID**

125bba746741b44bb8e56f6c0bae92b79ff

**Verified**  
Certificate

**Harvard**

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



**Verified Certificate**  
Issued April 20, 2022

**Valid Certificate ID**

[512a42b704a46e88c47c88124d00c2](https://courses.edx.org/certificate/512a42b704a46e88c47c88124d00c2)

*Trust in Us*

Richard Elyere  
Gregory R. Arlig Research Professor of Educational Leadership  
Harvard University

# Verified Certificate



Clyde Soper  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued: April 20, 2022

**Valid Certificate ID**  
a8f76e25ff5641c02ac6a21c87444e234



# Verified Certificate

**W** UNIVERSITY OF WASHINGTON



Joel Gombosi

Director, International & English Language Programs  
University of Washington

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued February 3, 2021

Valid Certificate ID  
[640820900004370ee47e5074464193](https://www.edx.org/verify/certificate/640820900004370ee47e5074464193)

# Verified Certificate



Joseph Santacangre  
Data Scientist  
IBM

This is to certify that

**Koustav dhara**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued July 18, 2021

Valid Certificate ID  
[s8e779c2bc754956a6d7728eb747348a](https://www.edx.org/certificate/ibm/py0101en/42948a)



THE UNIVERSITY  
of EDINBURGH

Fal 9, 2011

**Koustav Dhara**

*has successfully completed*

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

*Prof. David Gauthier, MPhil/CA  
Scottish Centre for Philosophy*

David Gauthier, Professor, Faculty of Arts, University of Edinburgh, Edinburgh, Scotland, United Kingdom  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/PQA4NLTAX35A](https://coursera.org/verify/PQA4NLTAX35A)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 6, 2021

**Koustav Dhara**

has successfully completed

**Write Professional Emails in English**

An online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Cheryl Ludwin  
Secretary  
CT Learning Services

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/31C76535789E](https://coursera.org/verify/31C76535789E)

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-f7bcf24e-f98e-421e-a852-6dfd050f2cd1

Certificate url: [ude.my/UC-f7bcf24e-f98e-421e-a852-6dfd050f2cd1](https://ude.my/UC-f7bcf24e-f98e-421e-a852-6dfd050f2cd1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Avishek Mandal

Date **April 3, 2023**

Length **34 total hours**





Certificate no: UC-5b1d6d49-71d1-485b-8454-61bb2fcfb50  
Certificate url: [ude.my/UC-5b1d6d49-71d1-485b-8454-61bb2fcfb50](https://ude.my/UC-5b1d6d49-71d1-485b-8454-61bb2fcfb50)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors **Robert (Bob) Steele**

## **Avishek Mandal**

Date **May 13, 2023**

Length **44 total hours**



Certificate no: UC-ab467852-4406-4999-a242-967a15e33de8

Certificate url: [uda.my/UC-ab467852-4406-4999-a242-967a15e33de8](https://uda.my/UC-ab467852-4406-4999-a242-967a15e33de8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting & Content Marketing Course: Be a Pro Copywriter

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, Beck Robertson, SEO, Facebook Ads & Digital Marketing Academy**

## Rohit Roy

Date **May 2, 2022**

Length **17 total hours**



Certificate no: UC-a26d9ea1-b5bc-489f-886b-77bc46509b59  
Certificate url: [ude.my/UC-a26d9ea1-b5bc-489f-886b-77bc46509b59](https://ude.my/UC-a26d9ea1-b5bc-489f-886b-77bc46509b59)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Best GMAT Math Prep Course to Score 360+ in GMAT-2022

Instructors **Devaki subbalakshmi**

## Rohit Roy

Date **May 2, 2022**

Length **8 total hours**





Certificate no: UC-b23196be-e038-4b9b-a341-a903fb284172

Certificate url: [ude.my/UC-b23196be-e038-4b9b-a341-a903fb284172](https://ude.my/UC-b23196be-e038-4b9b-a341-a903fb284172)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

**Rohit Roy**

Date **May 2, 2022**

Length **71 total hours**



Certificate for: **SEO Training: Complete SEO Course & SEO Copywriting MASTERY**  
Completion Date: **2023-02-05 14:25:43 UTC**  
Access Number: **223**

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: **Ing. Tomas Moravec | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Rohit Roy**

Date: **Feb. 5, 2023**

Length: **38.5 total hours**





Udemy is an online platform where users can purchase and  
complete an online course. It is a platform where users can  
purchase and complete an online course.

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors: Start-Tech Academy

**Rohit Roy**

Date: Jan. 23, 2023

Length: 32 total hours



Certificate no: UC-49c3135b-500d-4b07-9d4e-cf9366f699c1

Certificate url: [ude.my/UC-49c3135b-500d-4b07-9d4e-cf9366f699c1](https://ude.my/UC-49c3135b-500d-4b07-9d4e-cf9366f699c1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Rohit Roy

Date **April 30, 2022**

Length **17 total hours**



Certificate no: UC-27f5ebbc-82a0-417d-93ec-bc6d3a99c0c1

Certificate url: [ude.my/UC-27f5ebbc-82a0-417d-93ec-bc6d3a99c0c1](https://ude.my/UC-27f5ebbc-82a0-417d-93ec-bc6d3a99c0c1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## Ritika Neogi

Date **April 4, 2024**

Length **77 total hours**



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San Francisco, CA 94102-4209  
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CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructor: Horizon Tech

**Ritika Neogi**

Date: April 10, 2024

Length: 8 total hours



Certificate no: UC-74e14d0d-c768-488e-b0a5-e141749d4f1b

Certificate url: [ude.my/UC-74e14d0d-c768-488e-b0a5-e141749d4f1b](https://ude.my/UC-74e14d0d-c768-488e-b0a5-e141749d4f1b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 200.000+ Students

## Anisha Chakraborty

Date **May 7, 2023**

Length **8.5 total hours**



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22MG54523701867

To  
ANISHA CHAKRABORTY  
103/A  
SATIN SEN NAGAR BARANAGAR  
KOLKATA  
WEST BENGAL - 700105  
PH. NO :9836389035



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANISHA CHAKRABORTY**

for successfully completing the course

**Ethics In Engineering Practice**

with a consolidated score of **73** %

Online Assignments	17.92/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2047

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Feb-Apr 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





May 4, 2017

**ANISHA CHAKRABORTY**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

An Anish  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/6DDYU3CO4L4G>

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513700216

To  
ANISHA CHAKRABORTY  
163/A  
SATIN SEN NAGAR, BARANAGAR  
KOLKATA  
WEST BENGAL - 700109  
PH. NO : 9836591039



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANISHA CHAKRABORTY**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **78** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	28/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangara*

Prof. Andrew Thangara  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





# Georgia Institute of Technology

Jan 1, 2022

**ANISHA CHAKRABORTY**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/MUM7L6U18G2e>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-2220e595-0713-4cea-98cf-87cc11a52539

Certificate url: [ude.my/UC-2220e595-0713-4cea-98cf-87cc11a52539](https://ude.my/UC-2220e595-0713-4cea-98cf-87cc11a52539)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP Mysql Inventory Barcode POS Web App with Dashboard

Instructors **Mohammad Faizan**

## **Anisha Chakraborty**

Date **May 8, 2023**

Length **16.5 total hours**





Certificate no: UC-7e807ec-3a07-416f-b37c-d494fda44af0

Certificate url: [ude.my/UC-7e807ec-3a07-416f-b37c-d494fda44af0](https://ude.my/UC-7e807ec-3a07-416f-b37c-d494fda44af0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python for Data Science and Machine Learning Bootcamp

Instructors **Jose Portilla**

## **Anisha Chakraborty**

Date **May 25, 2022**

Length **25 total hours**



May 5, 2022

**Souvik Ghosh**

has successfully completed

**Introduction to Machine Learning**

an online non-credit course authorized by Duke University and offered through Coursera.

*Larry Carlin*

Guarantee M. Edg  
David C. Lee  
Lawrence O. Olin

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/31TYN887D1W>

Coursera has confirmed the identity of this individual and their participation in the course.



May 4, 2022

**Souvik Ghosh**

has successfully completed

**Python and Statistics for Financial Analysis**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Yimin Yip', written over a horizontal line.

Yimin Yip  
Associate Professor  
Department of Information Systems, Business Statistics and Operations Management

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/XPTIATCI9262>

Coursera has confirmed the identity of this individual and their participation in the course.



南京大學  
NANJING UNIVERSITY

May 5, 2022

Souvik Ghosh

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Lǐ

Zhang Li  
senior professor  
Department of Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/9842C3d4W9CC>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-ea255796-140a-4934-b521-cb77fe749f13

Certificate url: [uda.my/UC-ea255796-140a-4934-b521-cb77fe749f13](https://uda.my/UC-ea255796-140a-4934-b521-cb77fe749f13)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Managerial and Cost Accounting: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

**Souvik Ghosh**

Date **4 May 2024**

Length **53.5 total hours**





Certificate no: UC-0ece26c1-aeff-450d-9cfc-f13b2cd5c7e5

Certificate url: [ude.my/UC-0ece26c1-aeff-450d-9cfc-f13b2cd5c7e5](https://udemy.com/UC-0ece26c1-aeff-450d-9cfc-f13b2cd5c7e5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha, Learn IT University**

## Souvik Ghosh

Date **11 May 2022**

Length **29.5 total hours**



Certificate no: UC-9f25ef7f-bfe8-4936-8c01-8d29fc970fd4

Certificate url: [ude.my/UC-9f25ef7f-bfe8-4936-8c01-8d29fc970fd4](https://ude.my/UC-9f25ef7f-bfe8-4936-8c01-8d29fc970fd4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Souvik Ghosh

Date **11 Apr 2023**

Length **9.5 total hours**



Certificate no: UC-998ca2b7-8ea6-4391-a35e-97b85fd75e49

Certificate url: [ude.my/UC-998ca2b7-8ea6-4391-a35e-97b85fd75e49](https://udemy.com/certificate/UC-998ca2b7-8ea6-4391-a35e-97b85fd75e49)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Intelligence in Digital Marketing: 7 Courses in 1

Instructors **Srinidhi Ranganathan, First Look Digital Marketing Solutions**

**Souvik Ghosh**

Date **11 Apr 2023**

Length **20.5 total hours**





Certificate no: UC-ccc0114-be57-44cb-b493-3e78480f7e28

Certificate url: [ude.my/UC-ccc0114-be57-44cb-b493-3e78480f7e28](https://ude.my/UC-ccc0114-be57-44cb-b493-3e78480f7e28)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Souvik Ghosh

Date **9 Apr 2023**

Length **8.5 total hours**



Certificate no: UC-fc3d7769-55c7-4bce-824c-403240588fd2

Certificate url: [ude.my/UC-fc3d7769-55c7-4bce-824c-403240588fd2](https://ude.my/UC-fc3d7769-55c7-4bce-824c-403240588fd2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Souvik Ghosh

Date **7 May 2023**

Length **12.5 total hours**



# **M** UNIVERSITY OF MICHIGAN

May 4, 2022

Souvik Ghosh

has successfully completed

Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Kevin Collins-Thompson  
Associate Professor  
School of Information

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/973D5DFW88E>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate No. UD-43364007-404-433-8755-8421549106  
Certificate of Udemy ID: UD-43364007-404-433-8755-8421549106  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors: Robert (Bob) Steele

**Deep kumar Das**

Date: March 17, 2023

Length: 22 total hours



Certificate ID: UC-PC2932-875d-487b-4786-4754c14d319  
Certificate URL: <https://www.udacity.com/certificate/UC-PC2932-875d-487b-4786-4754c14d319>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Rob) Steele, Jane Clark

**Deep kumar Das**

Date: March 10, 2023

Length: 34 total hours



Certificate no: UC-1046fba7-7730-41d3-a6f9-6abbf0426fa3

Certificate url: [ude.my/UC-1046fba7-7730-41d3-a6f9-6abbf0426fa3](https://ude.my/UC-1046fba7-7730-41d3-a6f9-6abbf0426fa3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Guide to setup Hadoop and Spark Cluster using CDH

Instructors **Durga Viswanatha Raju Gadiraju, Asasri Manthena**

## Antarip Manna

Date **April 22, 2023**

Length **21 total hours**



Certificate no: UC-22017542-96e2-4dd2-8e1e-3679d48d7dae  
Certificate url: [ude.my/UC-22017542-96e2-4dd2-8e1e-3679d48d7dae](https://ude.my/UC-22017542-96e2-4dd2-8e1e-3679d48d7dae)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Complete Master Course (Updated to C# 10)

Instructors **Driss CHARQI**

## Antarip Manna

Date **May 1, 2023**

Length **20.5 total hours**





May 3, 2023

**Antarip Manna**

has successfully completed

**Machine Learning with Python**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Saccamanga  
Senior Data Scientist  
IBM

Joseph Saccamanga  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/USM/287P197832>

Coursera has confirmed the identity of this individual and their participation in the course.



May 2, 2023

**Antarip Manna**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santaricchia  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7E1M5F0U186E>

Coursera has confirmed the identity of this individual and their participation in the course.



May 8, 2007

**Antarip Manna**

has successfully completed

**Linux for Developers**

an online non-credit course authorized by The Linux Foundation and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Jerry Cooperman', written over a horizontal line.

Jerry Cooperman  
Director of Training  
Training & Certification

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/1UW1W0x5x8W1x>

Coursera has certified the identity of this individual and their participation in the course.

June 4, 2022

**ANTARIP MANNA**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Anind Ghose, Ph.D.  
Professor  
Computer Engineering, Communications and  
Network Engineering

Michael Provost, Ph.D.  
Professor Emerita  
Computer Science, Computer Engineering, Electrical Engineering, Neuroscience and Behavior

Verify at:  
<https://coursera.org/certificates/ANTARIPMANNA>

Course and/or certificate are invalid if not identical and does not  
correspond to ID number.



# Georgia Institute of Technology

December 2019

**Antarip Manna**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/UNFESTSUP58P](https://coursera.org/verify/UNFESTSUP58P)

Coursera has certified the identity of this individual and their participation in the course.





# CERTIFICATE OF COMPLETION

.....

This is to certify that Mr. / Ms. Antarip Manna successfully completed  
the course with on certificate for Python Foundation with Data  
Structures & Algorithms.

*Karan Arora*  
Karan Arora



*06 June 2022*  
Date

Certificate ID: #00004352

Certificate URL: <https://machinelearning.org.in/courses/certificate/7f0d225a43>



Certificate ID: UC7779542-2022-05-12-000000000000  
Certificate ID: UC7779542-2022-05-12-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# SQL Masterclass: SQL for Data Analytics

Instructor: Start-Tech Academy

**Tiyasha Ghosh**

Date: May 12, 2022

Length: 8 total hours



Certificate ID: UC-471-65677929-401-9421-30732048264  
Certificate ID: UC-471-65677929-401-9421-30732048264  
Reference Number: 0224

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: **Robert (Bob) Steele**

**Tiyasha Ghosh**

Date: **May 13, 2022**

Length: **155.5 total hours**



Certificate ID: 4802758-6444-476-219-2072227044  
Certificate of udemy/C-4802758-6444-476-219-2072227044  
Issued on May 18, 2022

CERTIFICATE OF COMPLETION

# Corporate Finance

Instructors: Robert (Bob) Steele

**Tiyasha Ghosh**

Date: May 18, 2022

Length: 163.5 total hours



Certificate no. UC-6228226-1489-4581-4382-328842814  
Certificate of completion UC-6228226-1489-4581-4382-328842814  
February 3, 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructor: **Robert (Bob) Steele**

**Tiyasha Ghosh**

Date: **Feb. 3, 2023**

Length: **17.5 total hours**





Certificate no. UC-202302-400-0000-000000000000  
Certificate of completion issued by Udemy, Inc. on 02/03/2023  
Kashwan Kim 02/03

CERTIFICATE OF COMPLETION

# Complete Guide to TOEFL iBT | Get the score you need!

Instructor: Kashwan Kim

**Tiyasha Ghosh**

Date: Feb. 3, 2023

Length: 21 total hours



Certificate ID: UC-1020666-2023-4401-0000-000000000000  
Certificate ID: UC-1020666-2023-4401-0000-000000000000  
February 03, 2023

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructor: **Robert (Bob) Stawle**

**Tiyasha Ghosh**

Date: **Feb. 3, 2023**

Length: **44 total hours**



Certificate no: UC-11439032-d350-47d1-a3f7-9609762b7500

Certificate url: [ude.my/UC-11439032-d350-47d1-a3f7-9609762b7500](https://ude.my/UC-11439032-d350-47d1-a3f7-9609762b7500)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Intelligence in Digital Marketing + Live Class

Instructors **Srinidhi Ranganathan, First Look Digital Marketing Solutions**

## Darshana Santra

Date **Jan. 23, 2023**

Length **12 total hours**



Certificate no: UC-5912cb09-5d1a-4dec-9c42-1c513ff06d48

Certificate url: [ude.my/UC-5912cb09-5d1a-4dec-9c42-1c513ff06d48](https://www.udemy.com/certificate/UC-5912cb09-5d1a-4dec-9c42-1c513ff06d48)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Payroll - QuickBooks Pro Desktop

Instructors **Robert (Bob) Steele**

## **Darshana Santra**

Date **Jan. 22, 2023**

Length **23 total hours**



Certificate no: UC-e1598f39-fb2e-40f0-96d4-0c1f1a58dc16

Certificate url: [ude.my/UC-e1598f39-fb2e-40f0-96d4-0c1f1a58dc16](https://ude.my/UC-e1598f39-fb2e-40f0-96d4-0c1f1a58dc16)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors **Robert (Bob) Steele**

## **Darshana Santra**

Date **Jan. 22, 2023**

Length **22 total hours**





Certificate no: UC-860a5580-c1c3-4136-a936-03e058f492de  
Certificate url: [ude.my/UC-860a5580-c1c3-4136-a936-03e058f492de](https://ude.my/UC-860a5580-c1c3-4136-a936-03e058f492de)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# How to Start a Podcast - Podcasting Made Easy

Instructors **Scott Paton, Scott Alex**

## **Darshana Santra**

Date **Jan. 23, 2023**

Length **11.5 total hours**



Certificate no: UC-f160f270-c37c-416b-9f69-1c4f45c8dcdf

Certificate url: [ude.my/UC-f160f270-c37c-416b-9f69-1c4f45c8dcdf](https://ude.my/UC-f160f270-c37c-416b-9f69-1c4f45c8dcdf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Drums Course From Scratch - For All Ages

Instructors **Patrick Abdo**

## **Darshana Santra**

Date **March 7, 2023**

Length **14.5 total hours**



Certificate no: UC-7899c6f7-92de-4e68-9d72-fcc876be117c

Certificate url: [ude.my/UC-7899c6f7-92de-4e68-9d72-fcc876be117c](https://udemy.com/certificate/UC-7899c6f7-92de-4e68-9d72-fcc876be117c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Darshana Santra

Date **Jan. 30, 2023**

Length **8.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUJIT PRASAD**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **53** %

Online Assignments	22.53/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10672**

**Prof. Divendra Jalilal**  
Chairperson,  
Centre for Curricula and Digital Education, IITM

Jan-Apr 2023

[12 week course]

**Prof. Andrew Thorogara**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533740015

To validate the certificate



No. of credits recommended: 3 or 4





Certificate no: UC-902e0609-824c-4659-8182-0db7c7730c78

Certificate url: [ude.my/UC-902e0609-824c-4659-8182-0db7c7730c78](https://ude.my/UC-902e0609-824c-4659-8182-0db7c7730c78)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Sujit Prasad

Date **May 10, 2023**

Length **22 total hours**





Certificate no: UC-b5031111-02d7-40d0-8f44-b793e92d4eab

Certificate url: [ude.my/UC-b5031111-02d7-40d0-8f44-b793e92d4eab](https://udemy.com/certificate/UC-b5031111-02d7-40d0-8f44-b793e92d4eab)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors **Hemanth kumar**

## Sujit Prasad

Date **May 9, 2023**

Length **11 total hours**



Certificate no: UC-e016aa43-e8b9-476a-bf6e-0d1a2262974f

Certificate url: [ude.my/UC-e016aa43-e8b9-476a-bf6e-0d1a2262974f](https://ude.my/UC-e016aa43-e8b9-476a-bf6e-0d1a2262974f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real Ethical Hacking in 30 Hours | Certificated CSEH+ 2023

Instructors **OCSALY Academy | 200.000+ Students**

## Sujit Prasad

Date **May 14, 2023**

Length **30 total hours**



Certificate no: UC-4ecd07a5-dbed-499c-9183-267f67a2c23a  
Certificate url: [ude.my/UC-4ecd07a5-dbed-499c-9183-267f67a2c23a](https://ude.my/UC-4ecd07a5-dbed-499c-9183-267f67a2c23a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

## Sujit Prasad

Date **May 7, 2024**

Length **81.5 total hours**





Certificate no: UC-2ace8648-1b64-4b8f-97e6-52c929cc0981

Certificate url: [udemy.com/UC-2ace8648-1b64-4b8f-97e6-52c929cc0981](https://udemy.com/UC-2ace8648-1b64-4b8f-97e6-52c929cc0981)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Sujit Prasad

Date **May 7, 2023**

Length **10 total hours**

# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Lonergan".

Maureen Lonergan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

## **AWS-OTP-AWSD15: AWS Cloud Practitioner Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued May 9, 2024

Valid Certificate ID  
[2f9201390f454c4387f3b0f7d6331067](#)



# Verified Certificate

# HarvardX

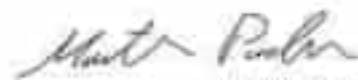
This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**HUM12x: Masterpieces of World Literature**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Martin Puchner

Byron and Anita Wien Professor of Drama and of English and  
Comparative Literature

Harvard University



David Damrosch

Ernest Bernbaum Professor of Literature

Harvard University



Verified Certificate  
Issued May 9, 2024

Valid Certificate ID  
[2f437fa3e83c47b388079c24ad5a0085](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Muneer Lonegat".

**Muneer Lonegat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud  
Security**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 4, 2023

Verify Certificate ID  
008857033914806e472e9172ee57784

**Verified**  
Certificate



This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**LFS141x: Exploring GraphQL: A Query Language for APIs**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Cypto Koushan

SVP & General Manager, Training and Certification  
The Linux Foundation



Verified Certificate  
Issued May 5, 2023

Valid Certificate ID  
0028sam5351470d4d3152e08156109e

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

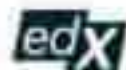
**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



*Dr. Barbara Elizabeth Polonsky*

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
University of Washington Center of Academic Excellence



Verified Certificate  
issued May 7, 2023

Valid Certificate ID  
ed5386538f29448b6a5dc98515c3772c



Raj Arora, Ph.D.  
Data Scientist

IBM Developer Skills Network

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**DL0101EN: Deep Learning Fundamentals with Keras**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 7, 2023

Verified Certificate ID  
66082750000641158132278ee0350228



**Verified**  
Certificate



Anil Kulkarni  
Ph.D., Data Scientist  
IBM

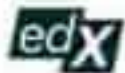
This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 4, 2023

Valid Certificate ID  
61D95F9C767C478A263A015C4476C2332

**Verified  
Certificate**

**DelftX**

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**CTB3365DWx: Drinking Water Treatment**

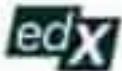
a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology.



Loek Rietveld  
Professor in Urban Water Cycle Technology  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



Delfien Mares  
Assistant Professor in Drinking Water  
Sanitary Engineering  
Faculty of Civil Engineering and Geosciences  
Delft University of Technology



Verified Certificate  
issued June 1, 2022

Valid Certificate ID  
<https://verify.edx.org/cert/CTB3365DWx/220100000001>

# Verified Certificate



This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**CC0101EN: Introduction to Cloud Computing**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued June 3, 2022

Valid Certificate ID  
08ac73187f2e4908820187412890e1e2

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read 'Chris Wilson'.

Chris Wilson  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 4, 2022

Valid Certificate ID  
<https://badged.edx.org/verify/cert/10197031992>

**Verified  
Certificate**



This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Gita Biswas

VP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 1, 2023

Valid Certificate ID  
[00243004097480675A830800d08d47](#)



**Verified**  
Certificate



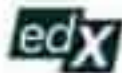
This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued July 18, 2021

Valid Certificate ID  
29a77c329409e4329e4722093909e4e6f

**Verified  
Certificate**



*Munish Lohar*

**Munish Lohar**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**OTP-AWSD5: AWS IoT: Developing and  
Deploying an Internet of Things**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued March 23, 2021

Valid Certificate ID  
[jmc232ca70d7400e801c1d88433e7902](#)

*Douglas King*

Associate Professor

Douglas R. King, Research Professor of Educational Leadership,  
Harvard University

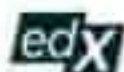
This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued March 21, 2021

Valid Certificate ID  
[617284941084102254300119816416](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

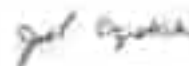
This is to certify that

**Samim Mondal**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Joel Swadlow

Lecturer, International & English Language Programs  
University of Washington



Verified Certificate  
Issued January 10, 2021

Valid Certificate ID  
1c982c0f22e603a49ac823872943a



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

has earned a certificate

**Samim Mondal**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Assistant Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/XH6GC629VG8Q](https://coursera.org/verify/XH6GC629VG8Q)

Coursera has certified the identity of this individual and their participation in the course.





AMERICAN MUSEUM  
OF NATURAL HISTORY



Feb 25, 2022

**Samim Mondal**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Pinescinski  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/YJWJ8WGLUM6U](https://coursera.org/verify/YJWJ8WGLUM6U)

Coursera has confirmed the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jan 25, 2022

**Samim Mondal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Misra, Duncan Pritchard, Yulia Lomada, Matthew Crummin, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9N6YH2BXL9P1](https://coursera.org/verify/9N6YH2BXL9P1)

Coursera has certified the identity of this individual and their  
participation in the course.



Jan 01, 2021

**Samim Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/9LARA5KG63Z7](https://coursera.org/verify/9LARA5KG63Z7)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 13, 2020

**Samim Mondal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9Z32NCF4V4MG](https://coursera.org/verify/9Z32NCF4V4MG)

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

# The Complete Python Masterclass : Become a Python Engineer

Instructors: Khan School

**Shresthaa Maiti**

Date: **May 10, 2024**

Length: **41.5 total hours**



## Statement of participation

### Shresthaa Maiti

has completed the free course including any mandatory tests for

#### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

Issue date: 11 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

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Course Code: 61664\_1

## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/our-licences/> for more information on our licences. <https://creativecommons.org/licenses/by-nc-sa/4.0/>

### Course summary

Although ethics is often viewed as an abstract speculation or an add-on to training programmes in technology and science, it is in fact an area of the concern sensitive to professionals and indeed, everyone. This free course, *Introducing ethics in information and computer sciences*, uses real-world examples taken from computer, law and the media to discuss ethics and ethical issues within the context of information and computer sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning objectives

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in online communications and, in particular, in ethical everyday professional practice
- discuss the role of rhetoric in ethical decision-making
- discuss how regulations might involve specialist ethical officers
- identify and discuss the ethical issues presented with fictional story lines in print and digital media, with focus on exploring the language used to present complex ethical problems and convince them of specific points

### Completed study

The learner has completed the following:

- **Week 1**  
 Good beginnings: ethics!
- **Week 2**  
 It's all about ethics!
- **Week 3**  
 Technology, ethics and advertising
- **Week 4**  
 Ethics in practice
- **Week 5**  
 Completed with a flourish: an epilogue
- **Week 6**  
 Course end
- **Week 7**  
 Summary

## Statement of participation

### Shresthaa Maiti

has completed the free course including any mandatory tests for:

#### Exploring the English language

This 5-hour free course looked at the development of the English language over the last 500 years and the influences of social and political change.

**Issue date:** 17 May 2024

[www.open.edu/openlearn](http://www.open.edu/openlearn)

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Course ID: ENGL1001

## Exploring the English language

<https://www.open.edu/openlearn/free-courses/course/1001/summary>

#### Course summary

How has the English language changed over the course of the last 500 years? What are the social and political contexts that have affected how these changes have come about? This free course, *Exploring the English language*, will consider the development of the English language from the 15th to the 19th century.

#### Learning outcomes

By completing this course, the learner should be able to:

- 1 understand how the English language has changed over time from its origins to the present day
- 2 understand the relationship between the history of the English language and social and political processes
- 3 understand methods of analysing the English language, written historically and contemporarily with awareness of the influence of any new approach
- 4 apply skills in writing, identifying alternative spelling or punctuation in various contexts including one in relation to the current technical aspect and very simple presentation of internet text
- 5 demonstrate an awareness of a range of resources in English to the extent it was ensuring they needed to access

#### Completed study

The learner has completed the learning

Section 1

Section 2

Section 3

Section 4

Section 5

Learning and assessment



2012-2016

**Rishu Mishra**

www.coursera.org

**Write Professional Emails in English**

An online course offered by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "David J. Reardon".

David J. Reardon  
Professor  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



with it  
<https://www.coursera.org/certificates>  
to verify the authenticity of your certificate and to view your transcript in PDF format.



BARREN SCHOOL  
OF BUSINESS

May 2, 2021

**Rishu Mishra**

BSBA, Major in Management

Ethical Leadership Through Giving Voice to Values

as a requirement for enrollment in Doctor of Business Administration through  
Coursera

*May E. Jones*

Signature  
Director of Undergraduate Studies  
Barren School of Business  
University of Virginia  
Charlottesville, VA

COURSE  
CERTIFICATE



UNIVERSITY OF VIRGINIA  
<https://www.coursera.org/certificate/2021>  
UNIVERSITY OF VIRGINIA  
COURSERA





VANDERBILT UNIVERSITY

COURSE  
CERTIFICATE

May 1, 2019

**Rishu Mishra**

has successfully completed

**Introduction to Programming with MATLAB**

an online course made possible through the generous generosity and support through  
Coursera



A handwritten signature in black ink, appearing to read "Anne Gann".

Anne Gann, PhD  
Professor  
Department of Physics and Astronomy  
Vanderbilt University

A handwritten signature in black ink, appearing to read "Michael S. Sponberg".

Michael S. Sponberg, PhD  
Professor  
Department of Physics and Astronomy  
Vanderbilt University

with ID: <https://coursera.org/certificate/18191>  
This certificate is valid for the course ID: 68412 and the course ID:  
68412



Udemy Inc. 2200 California Street, Suite 100, San Francisco, CA 94133  
© 2023 Udemy Inc. All rights reserved. [Privacy Policy](#) [Terms of Service](#)

CERTIFICATE OF COMPLETION

# Aromatherapy: complete beginner course for essential oils

Instructor: ES Academy

**Rishu Mishra**

Date: May 12, 2023

Length: 2 total hours



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Udemy, Inc. 2020.

CERTIFICATE OF COMPLETION

# CSS, JavaScript And PHP Complete Course For Beginners

Instructor: PROPER DOT INSTITUTE

**Rishu Mishra**

Date: May 12, 2023

Length: 7 total hours



## COURSE COMPLETION CERTIFICATE

The certificate is awarded to

**RISHU MISHRA**

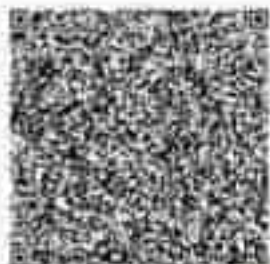
for successfully completing the course

**Angular**

on February 11, 2024

**Infosys | Springboard**

*Congratulations! You make us proud!*



Issued on: Sunday, February 11, 2024  
Verify by using the QR code at <https://www.infosys.com/certificates>

  
Himanshu Arshi  
Senior Vice President and Head  
Learning, Training and Assessment, IITM  
Infosys Limited

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13650105

To  
DEBANJAN MUKHERJEE  
PALTA  
SREE PALLY FIRST LANE, PALTA  
PALTA  
WEST BENGAL - 743122  
PH. NO :7044788953



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DEBANJAN MUKHERJEE**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **72** %

Online Assignments	24.41/25	Programming Exam	25/25	Proctored Exam	22.5/50
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Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thompson*  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







# Georgia Institute of Technology

Jan 7, 2023

**Debanjan Mukherjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/8E2ZYY46QW9I](https://coursera.org/verify/8E2ZYY46QW9I)

Coursera has certified the identity of this individual and their participation in the course.

May 23, 2021

**Debanjan Mukherjee**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidarti, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Pathology

Verify at:  
<https://coursera.org/verify/8522CD162214>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 13, 2022

**Debanjan Mukherjee**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

Don Sims, EdD, MEd, Ph.D., Ann T. Sims, EdD, Vice Rector, EdD,  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/B3VD8C8742U8>

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 22, 2022

**Debanjan Mukherjee**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukherjee, Duncan Pritchard, Yaelin Leraida, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/5RWB0086718>

Coursera has certified the identity of this individual and their  
participation in the course.



Apr 2, 2023

Debanjan Mukherjee

has successfully completed

Interactivity with JavaScript

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE  
CERTIFICATE



*Collen van Lent* *Chad*

Collen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

Chad Severson  
Clinical Professor, School of Information  
University of Michigan

Verify at:  
<https://coursera.org/verify/DT2CTM201108>

Coursera has confirmed the identity of this individual and their participation in the course.





April 22, 2023

**Debanjan Mukherjee**

has successfully completed with honors

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line of four handwritten signatures in black ink, representing the faculty members of the course.

Scott K. Rajpur, Devin J. Srinivasan, Andrew D. Wilson, Robert Duvall

**COURSE  
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/BMTV2JWD728E>

Coursera has verified the identity of this individual and their participation in the course.



Apr 15, 2023

**Debanjan Mukherjee**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarone  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ETHELACTVMV>

Coursera has certified the identity of this individual and their participation in the course.

# INFOSEC

May 1, 2023

Debanjan Mukherjee

has successfully completed

Introduction to Cybersecurity Foundations

an online non-credit course authorized by Infosec and offered through Coursera

*Keaton Evans*

Keaton Evans  
Digital Forensics

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/EWACN82VAr96>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

May 3, 2023

Debanjan Mukherjee

has successfully completed

Data Science Ethics

an online non-credit course authorized by University of Michigan and offered through Coursera



Bernard A. Cohen  
Bernard A. Cohen College Professor  
Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PAY407586038>

Coursera has confirmed the identity of this individual and their participation in the course.



# Certificate

We certify that **Upama Sarkar**  
has completed the following courses on our platform:

English listening practice by English with Lucy

07 hours 58 minutes + 16 exercises - From 15/05/2024 to 15/05/2024

English language intermediate level by English for You

17 hours 25 minutes + 20 exercises - From 21/05/2024 to 21/05/2024



Adrián Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Upama Sarkar

u4311482

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





Certificate no: UC-94adf271-4cb9-4272-b2be-48b9f2660568

Certificate url: [ude.my/UC-94adf271-4cb9-4272-b2be-48b9f2660568](https://ude.my/UC-94adf271-4cb9-4272-b2be-48b9f2660568)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Upama Sarkar

Date **May 16, 2024**

Length **9.5 total hours**



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Udemy, Inc. © 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructor: **Robert (Bob) Steele**

**Shirsa Roy**

Date: **May 7, 2023**

Length: **128 total hours**

Activate Windows  
Go to Settings to activate Windows.



Udemy Inc. 2200 Market Street, Suite 1000, San Francisco, CA 94102, USA  
Certificate of Completion ID: 2023-05-07-0000000000  
Expires: Never

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: Horizon Tech

**Shirsa Roy**

Date: May 7, 2023

Length: 9.5 total hours

Activate Windows  
Go to Settings to activate Windows.



Certificate ID: UC-UM7C2B-UBU-4504-9766-8944-09071  
Certificate URL: <https://www.udacity.com/certificate/UC-UM7C2B-UBU-4504-9766-8944-09071>  
Reference Number: 3004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors: PROPER DOT INSTITUTE

**Shirsa Roy**

Date: May 7, 2023

Length: 10 total hours

Activate Windows  
Go to Settings to activate Windows.



Certificate ID: UC-20241116-2023-0514-2023-0514-2023-0514  
Certificate URL: [https://www.udacity.com/certificate/UC-20241116-2023-0514-2023-0514-2023-0514](#)  
Issued on: 16 May 2023

CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructors: **BS Academy**

**Shirsa Roy**

Date: **May 14, 2023**  
Length: **8.5 total hours**

Activate Windows  
Go to Settings to activate Windows.





DARDEN SCHOOL  
of BUSINESS

May 25, 2021

**SHIRSA ROY**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online certificate course authorized by University of Virginia and offered through  
Coursera

*May C. Gentile*

Professor  
Executive Director, Center for Business & Society  
Professor of Practice  
Faculty Director, Center for  
Business and Society

**COURSE  
CERTIFICATE**



View on [https://coursera.org/certificate/shirsa\\_roy](https://coursera.org/certificate/shirsa_roy) Certificate Wind  
Coursera has confirmed the identity of this individual and that  
all information on this certificate is accurate.



May 20, 2015

**SHIRSA ROY**

has successfully completed

**Writing Professional Email and Memos (Project-Centered Course)**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

*Tamara Powell Tiffani Reardon*

Tamara Powell  
Director, College of Professional and Technical Studies  
Office of Professional Development  
Associate Professor of English

Tiffani Reardon  
Educational Designer  
College of Professional and Technical Studies

**COURSE  
CERTIFICATE**



Verify at:  
[www.coursera.org/verify/SHIRSA ROY](https://www.coursera.org/verify/SHIRSA ROY)

Coursera has verified the identity of this individual and their  
achievement on this certificate.



Udemy Inc. 32901 Mission Blvd, Fremont, CA 94538, USA  
© 2024 Udemy Inc. All rights reserved. Course ID: UC-123456789  
Award Number: 1234

CERTIFICATE OF COMPLETION

# The Complete Digital Advertising Course + ChatGPT Guide 2024

Instructors: Ing. Tomasz Morzwak, Learn Digital Advertising

**Shirsa Roy**

Date: April 28, 2024

Length: 35 total hours

Act  
Go to



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Udacity are trademarks of Udemy, Inc. in the United States and other countries.

CERTIFICATE OF COMPLETION

# Computer Forensics and Digital Forensics Masterclass 2024+

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Shirsa Roy**

Date: April 28, 2024

Length: 16 total hours

Acti  
Gite



Certificate ID: UC-202349-0525-4024-40170249104  
Certificate of Completion for **DevOps 2024**  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Docker MasterClass : Docker - Compose - SWARM - DevOps 2024

Instructors: **Anshul A Chauhan** | Jenkins | DevOps | Kubernetes | Terraform | Ansible

**Shirsa Roy**

Date: **May 10, 2024**

Length: **12.5 total hours**

Acti  
On to





Certificate ID: udmy/cert/00000000000000000000000000000000  
Certificate of Udemy/Certificate ID: udmy/cert/00000000000000000000000000000000  
Certificate Number: 0000

CERTIFICATE OF COMPLETION

# Machine Learning with Apache Spark 3.0 using Scala

Instructors: **Bigdata Engineer**

**Shirsa Roy**

Date: **May 14, 2024**

Length: **8.5 total hours**

Act  
tic t



Certificate no: UC-353c4807-cf7d-4834-9960-705e4f49566f

Certificate url: [udemy.com/UC-353c4807-cf7d-4834-9960-705e4f49566f](https://udemy.com/UC-353c4807-cf7d-4834-9960-705e4f49566f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Ratul Banik**

Date **May 12, 2024**

Length **77 total hours**



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www.udemy.com

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors: Harizan Tech

**Ratul Banik**

Date: April 18, 2024

Length: 8 total hours



By name

**Ratul Banik**

has successfully completed

**Ethics in Engineering**

an online course that is approved for continuing education credit by the

PEACB.

A handwritten signature in black ink, appearing to read 'David B. Calkins'.

David B. Calkins, Director of the Center for Engineering Ethics and Professional Practice

COURSE  
CERTIFICATE



UNIVERSITY OF MICHIGAN  
ENGINEERING ETHICS AND PROFESSIONAL PRACTICE  
COURSE10



Apr 14, 2022

**Sunanda Biswas**

has successfully completed

**Databases and SQL for Data Science with Python**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
India, IBM Corp.

Hema  
IBM

Verify at:  
<https://coursera.org/certificates/SUNANDA22>

Coursera has certified the identity of this individual and their participation in the course.





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Udemy Inc. 2200000-8000-4714-10000000000  
Udemy Inc. 2200000-8000-4714-10000000000

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: Ing. Tomas Miravek, SEO, Facebook Ads & Digital Marketing Academy

**Sunanda Biswas**

Date: May 6, 2023

Length: 47 total hours



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Issued: 2022

**Ayush Chowdhury**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TU6TYFA2V30U](https://coursera.org/verify/TU6TYFA2V30U)

Coursera has certified the identity of this individual and their participation in the course.



February 2022

**Ayush Chowdhury**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajyogesh Raychoudhary*

Rajyogesh Raychoudhary, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/WMR359NXT2K2](https://coursera.org/verify/WMR359NXT2K2)

Coursera has certified the identity of this individual and their  
participation in the course.



Apr 9, 2022

**AYUSH CHOWDHURY**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarone  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/5YX9SAW9LCE>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 8, 2023

**AYUSH CHOWDHURY**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Raj Arora  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/288F7601ANZV](https://coursera.org/verify/288F7601ANZV)

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 19, 2020

**Ayush Chowdhury**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/JAFYC79ZEF79](https://coursera.org/verify/JAFYC79ZEF79)

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 26, 2022

**Ayush Chowdhury**

has successfully completed

**Getting Started with AWS Machine Learning**

an online non-credit course authorized by Amazon Web Services and offered through Coursera

Blake Sandoz  
Senior Technical Trainer  
AWS Training and Certification

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/678MXG2ZU751](https://coursera.org/verify/678MXG2ZU751)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

1 Jun 2021

**Ayush Chowdhury**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre Walsh, Duncan Pritchard, Yannis Liaras, Matthew Crummin, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/CU2577UG2456](https://coursera.org/verify/CU2577UG2456)

Coursera has certified the identity of this individual and their  
participation in the course.

# Verified Certificate



Anu Anuj

AI and Data Science Program Director



This is to certify that

**Ayush Chowdhury**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
issued July 17, 2021

Valid Certificate ID  
[g18a028b184f4409bde1d50fab8d7cc2](#)

# Verified Certificate



This is to certify that

**Ayush Chowdhury**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santacangre  
Data Scientist



Verified Certificate  
issued July 17, 2021

Valid Certificate ID  
[f2cb338835bf4f388f1b882a4261bb4](#)



# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



Technische Universität München

This is to certify that

**Ayush Chowdhury**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



**Dr. Heidi Miesing**

Head of English

TUM Language Center



**Dr. Aparna Bhar**

Lecturer

TUM Language Center



VERIFIED CERTIFICATE  
Issued January 8, 2021

VALID CERTIFICATE ID  
[x28f9d36c26e40e45481e5619d512823](#)



Certificate no: UC-9cca87a7-2f5a-4f9c-8e9d-cf3dbbe93212  
Certificate url: [ude.my/UC-9cca87a7-2f5a-4f9c-8e9d-cf3dbbe93212](https://ude.my/UC-9cca87a7-2f5a-4f9c-8e9d-cf3dbbe93212)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Android Application Development

Instructors **ProgramMe Programming**

**Ayush Chowdhury**

Date **May 4, 2023**

Length **27 total hours**



Certificate no: UC-19686d3b-a4cf-4c55-8a6a-19cb0cc22960

Certificate url: [ude.my/UC-19686d3b-a4cf-4c55-8a6a-19cb0cc22960](https://ude.my/UC-19686d3b-a4cf-4c55-8a6a-19cb0cc22960)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linux Bash Shell Scripting Incl. AWK, SED and 10+ Projects

Instructors **Vivek Pandit**

## Ayush Chowdhury

Date **May 4, 2023**

Length **15 total hours**



Feb 22, 2022

**AYUSH CHOWDHURY**

has successfully completed

**Getting Started with AI using IBM Watson**

an online non-credit course authorized by IBM and offered through Coursera

Raj Arora  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ED0683186C81>

Coursera has certified the identity of this individual and their participation in the course.



Apr 15, 2022

**AYUSH CHOWDHURY**

has successfully completed

**Building AI Applications with Watson APIs**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



*Antonio Cangiano*

Antonio Cangiano  
Software Developer and Technical Evangelist  
IBM Digital Business Group

*Tanmay Bakshi*

Tanmay Bakshi  
AI Strategist & Watson Developer

Verify at:

<https://coursera.org/verify/ECG0H1T52457>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate ID: 00000000000000000000000000000000  
Certificate URL: [https://udacity.com/certificate/00000000000000000000000000000000](#)  
Certificate Number: 0000

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors: **Horizon Tech**

**Debolina Ghosh**

Date: **May 11, 2024**

Length: **18.5 total hours**

I am Sorry!!!!



Certificate of Completion  
Certificate of Completion  
Certificate of Completion

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors: **PROPER DOT INSTITUTE**

**Debolina Ghosh**

Date: **May 11, 2024**

Length: **10 total hours**

I am Sorry!!!!



Certificate of Completion for **Python And Flask Framework Complete Course**  
Issued to **Debolina Ghosh** on **May 20, 2024**  
Reference ID: **UD-2024-05-20-001**

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors: **Horizon Tech**

**Debolina Ghosh**

Date: **May 20, 2024**

Length: **12 total hours**



Certificate ID: UC-20240520-DebolinaGhosh-1234567  
Course ID: UC-20240520-DebolinaGhosh-1234567  
Awarded on: 2024

CERTIFICATE OF COMPLETION

# The Complete 2024 Web Development Bootcamp

Instructors: **Dr. Angela Yu**

**Debolina Ghosh**

Date: **May 20, 2024**

Length: **61.5 total hours**

I am Sorry!!!!



Certificate no: UC-16112c48-3166-4269-a333-8c90f4a1eb89

Certificate url: [ude.my/UC-16112c48-3166-4269-a333-8c90f4a1eb89](https://ude.my/UC-16112c48-3166-4269-a333-8c90f4a1eb89)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Tushar Ghosh

Date **May 7, 2022**

Length **8.5 total hours**





Certificate no: UC-6fd3e44c-aaa3-4666-a6a3-7c616f437556

Certificate url: [ude.my/UC-6fd3e44c-aaa3-4666-a6a3-7c616f437556](https://udemy.com/certificate/UC-6fd3e44c-aaa3-4666-a6a3-7c616f437556)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Tushar Ghosh

Date **May 7, 2022**

Length **12 total hours**



Certificate no: UC-73afc7df-94c8-4997-956b-85396561479d

Certificate url: [udemy.com/UC-73afc7df-94c8-4997-956b-85396561479d](https://udemy.com/UC-73afc7df-94c8-4997-956b-85396561479d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha, Learn IT University**

## Tushar Ghosh

Date **May 7, 2022**

Length **29.5 total hours**



Certificate no: UC-8df863bb-1acc-4308-8ea0-797c7bef018f

Certificate url: [ude.my/UC-8df863bb-1acc-4308-8ea0-797c7bef018f](https://ude.my/UC-8df863bb-1acc-4308-8ea0-797c7bef018f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Tushar Ghosh

Date **May 7, 2022**

Length **9.5 total hours**





Certificate no: UC-ce7eb4dc-2a32-40e4-a194-0b1e242d8b70

Certificate url: [ude.my/UC-ce7eb4dc-2a32-40e4-a194-0b1e242d8b70](https://ude.my/UC-ce7eb4dc-2a32-40e4-a194-0b1e242d8b70)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Tushar Ghosh**

Date **May 7, 2022**

Length **22 total hours**



Certificate no. UC-2023-04-11-1723-422-3488888888  
Certificate valid until 31/12/2024. UC-2023-04-11-1723-422-3488888888  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2023

Instructors: Ing. Tomas Moressek, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens

**Tushar Ghosh**

Date: May 11, 2023

Length: 82 total hours





Certificate no: UC-f020b34f-d434-40f9-81dc-aca0245356ba

Certificate url: [ude.my/UC-f020b34f-d434-40f9-81dc-aca0245356ba](https://ude.my/UC-f020b34f-d434-40f9-81dc-aca0245356ba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Srijani Bhattacharyya**

Date **May 9, 2023**

Length **128 total hours**



Certificate no: UC-d1563c11-38b6-48e1-b8c4-78af7d764d35

Certificate url: [ude.my/UC-d1563c11-38b6-48e1-b8c4-78af7d764d35](https://ude.my/UC-d1563c11-38b6-48e1-b8c4-78af7d764d35)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

## **Srijani Bhattacharyya**

Date **May 14, 2023**

Length **10 total hours**



Certificate no: UC-9cefbdf3-7309-412f-8f13-4852a08882de  
Certificate url: [ude.my/UC-9cefbdf3-7309-412f-8f13-4852a08882de](https://ude.my/UC-9cefbdf3-7309-412f-8f13-4852a08882de)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Srijani Bhattacharyya**

Date **May 14, 2023**

Length **11 total hours**





Certificate no: UC-a6686697-4df8-4e10-a089-d60a5c2fb7fc

Certificate url: [ude.my/UC-a6686697-4df8-4e10-a089-d60a5c2fb7fc](https://udemy.com/UC-a6686697-4df8-4e10-a089-d60a5c2fb7fc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Chinese Language: Everyday & Business Chinese BEGINNER

Instructors **Jocelyn Wong**

**Srijani Bhattacharyya**

Date **May 14, 2023**

Length **12 total hours**



Certificate no: UC-e6cfa492-e790-452f-9215-47bb45c85b36

Certificate url: [ude.my/UC-e6cfa492-e790-452f-9215-47bb45c85b36](https://ude.my/UC-e6cfa492-e790-452f-9215-47bb45c85b36)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

## **Srijani Bhattacharyya**

Date **May 16, 2023**

Length **24 total hours**





CERTIFICATE OF COMPLETION  
UNIVERSIDAD PYTHON - DE CERO A EXPERTO MÁS COMPLETO +71 HRS  
SEPTIEMBRE 2024

CERTIFICATE OF COMPLETION

# Universidad Python - De Cero a Experto Más Completo +71 hrs

Instructor: Global Mentoring Ing. Ubaldo Acosta

**AKASH MAITY**

Date: May 14, 2024

Length: 71.5 total hours



Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/00000000-0000-0000-0000-000000000000](#)  
Issued on: October 2024

CERTIFICATE OF COMPLETION

# iOS, Swift & SwiftUI - Complete iOS App Development

Instructor: ROLAN MARAT

**AKASH MAITY**

Date: May 9, 2024

Length: 21 total hours



Certificate of Completion  
for the course  
Universidad Desarrollo Web - FrontEnd Web Developer!  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Universidad Desarrollo Web - FrontEnd Web Developer!

Instructor: Global Mentoring Ing. Ubaldo Acosta

**AKASH MAITY**

Date: May 15, 2024

Length: 30,5 total hours



Certificate no UC-9ba7e7f1-4a4-4432-828-67ea2335a21  
Certificate no uc-9ba7e7f1-4a4-4432-828-67ea2335a21  
Reference Number 0204

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: **Srididhi Ranganathan, Saranya S**

**Namrata Som**

Date **April 10, 2023**

Length **22 total hours**



CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Namrata Som**

Date **April 13, 2023**

Length **8 total hours**





Certificate ID: ud-cer-2023-04-29-000000000000  
Certificate URL: udemy/certificate/ud-cer-2023-04-29-000000000000  
Reference Number: 0204

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors: **OCSALY Academy** | 190,000+ Students

## Namrata Som

Date: April 29, 2023

Length: 8.5 total hours



Certificate no: UC-9886663-7567-41e4-4d13-6e88333e0793  
Certificate url: udemy/UC-9886663-7567-41e4-4d13-6e88333e0793  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Forensics Masterclass | Forensic Science 2023 DFMC+™

Instructors: **OCSALY Academy** | 190,000+ Students

**Namrata Som**

Date: April 29, 2023

Length: 13.5 total hours



Certificate No. UC-PL22861-0988-4039-4876-72220498326e  
Certificate URL: udemy/UC-PL22861-0988-4039-4876-72220498326e  
Reference Number: 3226

CERTIFICATE OF COMPLETION

# Management Consulting Essential Training

Instructors: **John Burruss**

**Namrata Som**

Date: **April 29, 2023**

Length: **9 total hours**



Certificate no. UD-8776493-4565-4656-4345-567843210  
Certificate url: ud.ac/UD-8776493-4565-4656-4345-567843210  
Reference Number: 2288

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors: Faisal Zamir, Jefri Code

**Namrata Som**

Date: April 27, 2023

Length: 13.5 total hours



Certificate ID: ud0016161271-4493-6D9-6204616282  
Certificate URL: udemy/Certificate/1271-4493-6D9-6204616282  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

**Namrata Som**

Date: **April 27, 2023**

Length: **8 total hours**





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DEBJYOTI NATH**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **43** %

Online Assignments	13.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3870014

To validate the certificate



No. of credits recommended: 2 or 3



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

May 7, 2015

**Debjyoti Nath**

100% successfully completed

**Introduction to Cyber Attacks**

100% successful course completion by New York University and offered through  
Coursera

*Edward P. Amisano*

Dr. Edward P. Amisano  
Tandon School of Engineering, NYU  
Coursera



Verify at:  
<https://coursera.org/verify/97742WCLF641>  
Coursera has confirmed the identity of the individual who has  
successfully completed this course.



May 10, 2022

**Debjyoti Nath**

100% successfully completed

**Data Analysis with Python**

an IBM SkillsBuild course certified by IBM and offered through Coursera

IBM SkillsBuild  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4602A2M79Z>

Coursera has confirmed the identity of the individual and the completion of this course.



May 26, 2022

**DEBJYOTI NATH**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by the University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles E. Young  
Charles E. Young School of Forestry  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/api/auth/v1/cv/22760000>

Coursera has confirmed the identity of the Institution and the participant in this course.



UNIVERSITY OF AMSTERDAM

May 7, 2015

**Debjyoti Nath**

100% successfully completed

**Basic Statistics**

See [this link](#) for more information on the University of Amsterdam and offered degree programs

Dr. Debjyoti Nath is a member of the Faculty of Social & Behavioral Sciences at the University of Amsterdam

COURSE  
CERTIFICATE



Skills 21

<https://coursera.org/certificate/11188504130>

Coursera has confirmed the identity of the individual and the completion of this course





Certificate no: UC-c542e6bd-0696-4cbc-bc30-a136a2de998d  
Certificate url: [ude.my/UC-c542e6bd-0696-4cbc-bc30-a136a2de998d](https://ude.my/UC-c542e6bd-0696-4cbc-bc30-a136a2de998d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft 365 Ultimate Course 2021

Instructors **Learn Tech Plus**

## Swapnamoy Dutta

Date **May 12, 2022**

Length **22.5 total hours**



Certificate no: UC-99d2001c-b645-4e07-8beb-22ee0e3c3018  
Certificate url: [ude.my/UC-99d2001c-b645-4e07-8beb-22ee0e3c3018](https://ude.my/UC-99d2001c-b645-4e07-8beb-22ee0e3c3018)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

## Swapnamoy Dutta

Date **May 22, 2022**

Length **12 total hours**



Certificate no: UC-4a44bbea-46e8-495f-936d-72da0acf0f3a

Certificate url: [ude.my/UC-4a44bbea-46e8-495f-936d-72da0acf0f3a](https://ude.my/UC-4a44bbea-46e8-495f-936d-72da0acf0f3a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Core Java bootcamp program with Hands on practice: Java SE

Instructors **Prashant Mishra**

## Swapnamoy Dutta

Date **May 24, 2022**

Length **18.5 total hours**



Certificate no: UC-b868d124-a064-48ce-9e28-c58e64e849b7

Certificate url: [ude.my/UC-b868d124-a064-48ce-9e28-c58e64e849b7](https://ude.my/UC-b868d124-a064-48ce-9e28-c58e64e849b7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting – Payroll

Instructors **Robert (Bob) Steele**

## Swapnamoy Dutta

Date **May 24, 2022**

Length **21.5 total hours**





Certificate no: UC-d43ddcec-a2a8-409c-a325-254f6d31af8d

Certificate url: [ude.my/UC-d43ddcec-a2a8-409c-a325-254f6d31af8d](https://ude.my/UC-d43ddcec-a2a8-409c-a325-254f6d31af8d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate TallyPrime With GST Step By Step Guide - 2022

Instructors **A.M.A.M Mubeen (Expert In Tally & Finance & Microsoft Office)**

## Swapnamoy Dutta

Date **May 23, 2022**

Length **9.5 total hours**





Certificate no: UC-441c469e-7c02-432d-bf73-530b611b27bb

Certificate url: [ude.my/UC-441c469e-7c02-432d-bf73-530b611b27bb](https://ude.my/UC-441c469e-7c02-432d-bf73-530b611b27bb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Marketing Fundamentals: Introduction into Digital Marketing

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Swapnamoy Dutta

Date **Jan. 17, 2023**

Length **14.5 total hours**



Certificate no: UC-1545190e-6ef3-41f5-afe6-8cae0b714b41

Certificate url: [ude.my/UC-1545190e-6ef3-41f5-afe6-8cae0b714b41](https://ude.my/UC-1545190e-6ef3-41f5-afe6-8cae0b714b41)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# YouTube Marketing, YouTube Ranking & Adobe Premier Pro Guide

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Swapnamoy Dutta

Date **Jan. 22, 2023**

Length **12 total hours**



Certificate no: UC-722f6af2-dccc-47c1-9acd-a72920ddef99  
Certificate url: [ude.my/UC-722f6af2-dccc-47c1-9acd-a72920ddef99](https://ude.my/UC-722f6af2-dccc-47c1-9acd-a72920ddef99)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Swapnamoy Dutta

Date **Jan. 15, 2023**

Length **22 total hours**





Certificate no: UC-f1ae4fb4-de42-443c-ba8a-b534d118f441

Certificate url: [ude.my/UC-f1ae4fb4-de42-443c-ba8a-b534d118f441](https://udemy.com/certificate/UC-f1ae4fb4-de42-443c-ba8a-b534d118f441)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Reverse Engineering & Malware Analysis | REMASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Swapnamoy Dutta

Date **April 15, 2024**

Length **11 total hours**



Certificate no: UC-ba5f61d5-364f-4cea-b783-83fb4cfe0b81

Certificate url: [ude.my/UC-ba5f61d5-364f-4cea-b783-83fb4cfe0b81](https://udemy.com/UC-ba5f61d5-364f-4cea-b783-83fb4cfe0b81)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Swapnamoy Dutta

Date **May 4, 2024**

Length **29 total hours**





Certificate no: UC-6a1fbb3b-3f56-4772-a787-e3978ec7c78f

Certificate url: [ude.my/UC-6a1fbb3b-3f56-4772-a787-e3978ec7c78f](https://ude.my/UC-6a1fbb3b-3f56-4772-a787-e3978ec7c78f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Debajyoti Paul**

Date **May 3, 2023**

Length **81.5 total hours**



Certificate no: UC-0f010968-c662-4928-870e-12f038394dd5  
Certificate url: [ude.my/UC-0f010968-c662-4928-870e-12f038394dd5](https://ude.my/UC-0f010968-c662-4928-870e-12f038394dd5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Surajit Saha**

Date **May 3, 2023**

Length **81.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DEBJYOTI NATH**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **43** %

Online Assignments	13.33/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG415E3870014

To validate the certificate



No. of credits recommended: 2 or 3



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

**COURSE  
CERTIFICATE**

May 7, 2015

**Debjyoti Nath**

100% successfully completed

**Introduction to Cyber Attacks**

100% (100%) successfully completed (as indicated by New York University and offered through Coursera)

*Edward P. Amisano*

Dr. Edward P. Amisano  
Tandon School of Engineering, NYU  
Coursera



Verify at:  
<https://coursera.org/verify/97742WCLF641>  
Coursera has confirmed the identity of the individual who has  
successfully completed this course.



May 10, 2022

**Debjyoti Nath**

100% successfully completed

**Data Analysis with Python**

an IBM SkillsBuild course certified by IBM and offered through Coursera

IBM SkillsBuild  
IBM

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/46023A2M79CZ>

Coursera has confirmed the identity of the individual and the completion of this course.





May 26, 2022

**DEBJYOTI NATH**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by the University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles E. Young  
Charles E. Young School of Forestry  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/api/auth/v1/cv2w7GCE9E>

Coursera has confirmed the identity of the Institution and the participant in this record.



UNIVERSITY OF AMSTERDAM

May 7, 2015

**Debjyoti Nath**

100% successfully completed

**Basic Statistics**

See [this link](#) for more information on the University of Amsterdam and offered degree courses.

Dr. Anthonis van der Vaart, Professor of Data Science & Analytics  
Faculty of Business

COURSE  
CERTIFICATE



Skills 21

<https://coursera.org/certificate/11188504130>

Coursera has confirmed the identity of the individual and the  
authenticity of this record.



Certificate no: UC-8ce8c8bd-cd35-49bb-8a14-551417b0c89f

Certificate url: [ude.my/UC-8ce8c8bd-cd35-49bb-8a14-551417b0c89f](https://ude.my/UC-8ce8c8bd-cd35-49bb-8a14-551417b0c89f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

**Ankita Seal**

Date **Feb. 24, 2023**

Length **33 total hours**



Certificate no: UC-a8c7556c-4a7c-49fa-b0f2-8e27ee1fd521

Certificate url: [ude.my/UC-a8c7556c-4a7c-49fa-b0f2-8e27ee1fd521](https://ude.my/UC-a8c7556c-4a7c-49fa-b0f2-8e27ee1fd521)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Ankita Seal

Date **March 24, 2023**

Length **34 total hours**



Certificate no: UC-d1b6e1ed-f45a-44b8-9f59-eb5bbf48c13f

Certificate url: [ude.my/UC-d1b6e1ed-f45a-44b8-9f59-eb5bbf48c13f](https://ude.my/UC-d1b6e1ed-f45a-44b8-9f59-eb5bbf48c13f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Selenium WebDriver Java: Basics to Architect Bootcamp 2024

Instructors **Cloud99 Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Ankita Seal

Date **Feb. 8, 2024**

Length **64 total hours**





# Georgia Institute of Technology

03-Jan-2021

Rachana Patra

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gerry Linden  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/ED54F2HP5AEW](https://coursera.org/verify/ED54F2HP5AEW)

Coursera has confirmed the identity of this individual and their participation in the course.



# ISB

Jun 20, 2021

## Rachana Patra

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course authorized by Indian School of Business and offered through Coursera

Rajagopal Rajanathan, PhD  
McCormick School of Business  
Indian School of Business

## COURSE CERTIFICATE



Verify at [coursera.org/verify/SWRDRRBDVQHE](https://coursera.org/verify/SWRDRRBDVQHE)  
Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jun 26, 2021

Rachana Patra

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/TZTPPHPR8WSE](https://coursera.org/verify/TZTPPHPR8WSE)  
Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Jul 17, 2021

Rachana Patra

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/HNLJPVVUBSDH](https://coursera.org/verify/HNLJPVVUBSDH)  
Coursera has confirmed the identity of this individual and their participation in the course.



# Verified Certificate



This is to certify that

## Rachana Patra

successfully completed and received a passing grade in

### PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.

---

**Joseph Santarcangelo**

Data Scientist

IBM

---



Verified Certificate

Issued July 4, 2021

Valid Certificate ID:

**88e930e416974c00868381033c40f523**





Certificate no: UC-623c7b78-475c-49bb-8e4c-a810413d5bab  
Certificate url: [ude.my/UC-623c7b78-475c-49bb-8e4c-a810413d5bab](https://ude.my/UC-623c7b78-475c-49bb-8e4c-a810413d5bab)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Innovation & Startups: AB Testing Of KPI With Lean Startup

Instructors **Alex Genadinik**

## Rachana Patra

Date **June 4, 2022**

Length **12.5 total hours**



Certificate no: UC-9074981a-0e03-4b88-abef-87c0d31b7acb  
Certificate url: [ude.my/UC-9074981a-0e03-4b88-abef-87c0d31b7acb](https://ude.my/UC-9074981a-0e03-4b88-abef-87c0d31b7acb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructors **Robert (Bob) Steele**

## Rachana Patra

Date **June 3, 2022**

Length **17.5 total hours**



Certificate no: UC-6a8ab4f9-df9d-48a2-b647-e69223b65408  
Certificate url: [ude.my/UC-6a8ab4f9-df9d-48a2-b647-e69223b65408](https://ude.my/UC-6a8ab4f9-df9d-48a2-b647-e69223b65408)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors **Robert (Bob) Steele**

## Rachana Patra

Date **June 3, 2022**

Length **21.5 total hours**





Certificate no: UC-f93afc94-ee6e-4574-bbf4-ec14d841a64d  
Certificate url: [ude.my/UC-f93afc94-ee6e-4574-bbf4-ec14d841a64d](https://udemy.com/certificate/UC-f93afc94-ee6e-4574-bbf4-ec14d841a64d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Porto Visual Composer CSS Woocommerce Zero to Hero 2020

Instructors **Graphimonta School**

## Rachana Patra

Date **June 2, 2022**

Length **10.5 total hours**



Certificate no: UC-fdbb9a09-9f34-4196-8b0f-1886636aa6fa  
Certificate url: ude.my/UC-fdbb9a09-9f34-4196-8b0f-1886636aa6fa  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## Rachana Patra

Date **June 2, 2022**

Length **25 total hours**





Certificate no: UC-9d76e48c-8681-44f2-a61c-a774a0a7f616  
Certificate url: [udemy.com/certificate/UC-9d76e48c-8681-44f2-a61c-a774a0a7f616](https://www.udemy.com/certificate/UC-9d76e48c-8681-44f2-a61c-a774a0a7f616)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: PROPER DOT INSTITUTE

**Rachana Patra**

Date: May 16, 2023

Length: 8 total hours



Certificate no: UC-da506390-cb90-4f7d-995d-70ba293e382b

Certificate url: [udemy.com/certificate/UC-da506390-cb90-4f7d-995d-70ba293e382b](https://www.udemy.com/certificate/UC-da506390-cb90-4f7d-995d-70ba293e382b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructors **Infinite Minds Academy**

**Rachana Patra**

Date **May 16, 2023**

Length **8 total hours**



Certificate no: UC-c7a29c77-5fa3-47f1-89b4-4d6f7ce9c194  
Certificate url: [udemy.com/certificate/UC-c7a29c77-5fa3-47f1-89b4-4d6f7ce9c194](https://www.udemy.com/certificate/UC-c7a29c77-5fa3-47f1-89b4-4d6f7ce9c194)  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **Aplos Not for Profit Accounting Software**

**Instructors Robert (Bob) Steele**

## **Rachana Patra**

**Date May 16, 2023**

**Length 9 total hours**



Certificate no: UC-41838786-3a4e-4005-9711-b57177910195  
Certificate url: [www.udemy.com/certificate/UC-41838786-3a4e-4005-9711-b57177910195](https://www.udemy.com/certificate/UC-41838786-3a4e-4005-9711-b57177910195)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Level 1 - Japanese Candlesticks Trading Mastery Program

Instructors: Rohit Musale, CFA, Rashmi Musale

**Rachana Patra**

Date: May 16, 2023

Length: 13 total hours



Certificate no: UC-2a85fec1-2024-4ee4-884f-2b27f5b4e908  
Certificate url: udemy/UC-2a85fec1-2024-4ee4-884f-2b27f5b4e908  
Reference Number: D004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2024

Instructors: Hemanth kumar

## Rachana Patra

Date May 3, 2024

Length 11 total hours





Certificate no: UC-10157040-77d0-44b2-8505-029a18cc0018  
Certificate url: [udacity.com/UC-10157040-77d0-44b2-8505-029a18cc0018](https://udacity.com/UC-10157040-77d0-44b2-8505-029a18cc0018)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **policies and procedures manual- accounting&financial control.**

Instructors: **DR.Abdelghany foudad hussien**

## **Rachana Patra**

Date: **May 3, 2024**

Length: **9 total hours**



Certificate no: UC-714786e5-610f-467d-4348-0190402ba670  
Certificate url: https://www.udemy.com/certificate/UC-714786e5-610f-467d-4348-0190402ba670  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

## Rachana Patra

Date **May 3, 2024**

Length **10 total hours**

("By answering yes to the above question, you confirm that you will relocate to the home location for VCC roles as mentioned in the Job Description. It is mandatory to be present in the home location in order to onboard you for VCC roles. Amazon will have the right to revoke your offer incase of failure to be present at the home location for VCC roles")

**Are you willing to be in a job that may require interacting with customers via Telephone or E-mail? \***

Yes



**Knowledge in MS Excel (pivot tables, VLOOKUP's) \***

No



**PAN \***

GLPPP5663G|

PAN is mandatory for successful registration on a job at Amazon. If you do not have a PAN card, please apply for the same and complete the application once you receive your PAN.

**Please Provide Valid "PAN"**

**Do you have E-Aadhaar Card? \***

Yes



If you DO NOT have a E-Aadhaar, please apply for it immediately and furnish when asked. E-Aadhaar card is a mandatory document to proceed with your employment with





Certificate no: UC-64d1f8bd5-a684-48c3-918f-949a6f5e39f  
Certificate url: <https://www.udacity.com/certificate/UC-64d1f8bd5-a684-48c3-918f-949a6f5e39f>  
Reference Number: 00X

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors **Jackson Kailath**

## Rachana Patra

Date **May 3, 2024**

Length **19.5 total hours**



Certificate ID: 20240402-0724-4024-4024-20240402  
Certificate issued April 2, 2024, 07:24:40 UTC  
Issued to: Ankita Ghosh

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors: **Sorendra Varma Pericherla**

**Ankita Ghosh**

Date: **April 2, 2024**

Length: **11.5 total hours**





Udemy is an online learning platform that offers a wide range of courses and programs. It is a leading provider of self-paced, on-demand education. For more information, visit [www.udemy.com](https://www.udemy.com).

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: [Logos Academy](#)

**Ankita Ghosh**

Date: May 4, 2024

Length: 77 total hours



May 1, 2019

**Ankita Ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

graduate non-credit course authorized by Indian School of Business and offered through Coursera

*Rajivpal Singhania*

Rajivpal Singhania, Ph.D.  
Deputy Vice-Chancellor  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificates/12345>

Coursera has confirmed the identity of this individual and their participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



COURSE  
CERTIFICATE

May 1, 2019

**Ankita Ghosh**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera



Arthur Eisenberg  
Director, Center for Ecosystem Dynamics and Conservation  
American Museum of Natural History

Verify at:  
<https://coursera.org/certificates/AMNH>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: 400059254-448-444-44444444  
Completion ID: 400059254-448-444-44444444  
Release Number: 2024

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors: Hussain Mustafa, Codestars • over 2 million students worldwide!

**Ankita Ghosh**

Date: May 6, 2024

Length: 17 total hours

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513650009

To  
ALISHA KHATUN  
BARA BELU TALPUKUR, TERAMPPORE, HOOGHLY  
HOOGHLY - 712223  
PH. NO :908447521



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ALISHA KHATUN**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **70** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangara*

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







May 22, 2021

**Alisha Khatun**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
David Rossouw, College of Engineering  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/certificates/details>  
Coursera has confirmed the identity of this individual and their participation in the course.



May 7, 2022

**Alisha Khatun**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through Coursera

Rajeev Raghunathan, PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/A18N61882126>

Coursera has confirmed the identity of this individual and their participation in the course.



May 20, 2024

**Alisha Khatun**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "David J. Reardon", positioned above a horizontal line.

David J. Reardon  
Deans  
of Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/verify/1804PHUAS804>

Coursera has confirmed the identity of the signatory and their participation in the course.



May 8, 2022

**Alisha Khatun**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles Gasque', followed by a horizontal line.

Charles Gasque  
Chief Executive, Online Education  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.app/verify/11X35504C78E>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: UC-48770948-4895-4213-8467-5846220493  
Certificate URL: <https://www.udemy.com/certificate/UC-48770948-4895-4213-8467-5846220493>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors: YouAccel Training

**Alisha Khatun**

Date: May 8, 2023

Length: 13 total hours





Certificate no: UC-4228a203-4222-4026-9999-42228a20342  
Certificate url: udemy/certificate/UC-4228a203-4222-4026-9999-42228a20342  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: **Ing. Tomas Moravsek, SEO, Facebook Ads & Digital Marketing Academy**

**Alisha Khatun**

Date: **May 6, 2023**

Length: **47 total hours**



Apr 14, 2023

**Alisha Khatun**

has successfully completed

**Introduction to Data Engineering**

an online two-week course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Anirban Ghosh  
Global Program Director  
IBM Research

Priya Kapoor  
Senior Product Manager, Coursera  
IBM for Business

verify at  
<https://coursera.org/verify/0105732576>

Declare your continued ownership of this individual and their participation in the course



Certificate of Completion for the course  
Certificate of Completion for the course  
Certificate of Completion for the course

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATKO**, Andrii Platakha

**Mohini Hanra**

Date: Feb. 26, 2023

Length: 8.5 total hours



Certificate of Completion  
Certificate of Completion  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# 2023-Master in HTML & CSS Coding for Web Design

Instructors: Faisal Zamir, Jefri Code

**Mohini Hanra**

Date: Feb. 26, 2023

Length: 13.5 total hours



May 20, 2022

**MOHINI HANRA**

Successfully completed

**Crash Course on Python**

as well as the course was created by Google and offered through Coursera

**Google**

© 2022

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificate/K28T055Y3C2>

Coursera does not certify the identity of this learner's employer  
as indicated in the course





Certificate No: UD-CERT-2023-0216-2023-0308-000000000000  
Certificate of completion for the course: 2023-0308-000000000000  
Submission Number: 2023

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors: YiuAccel Training

**Mohini Hanra**

Date: March 2, 2023

Length: 26 total hours

*Douglas K. King*

Professor Emeritus

Douglas K. King, Professor of Educational Leadership,  
Harvard University

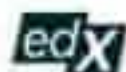
This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued January 30, 2021

Valid Certificate ID:  
[e572e4e8838642759131028af0e6e9b](#)

# Verified Certificate



This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

## **LFS151.x: Introduction to Cloud Infrastructure Technologies**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**

Issued February 17, 2023

**Valid Certificate ID**

[cdf71a2e085ab419e680a6082c5fcd5621](https://courses.edx.org/certificates/cdf71a2e085ab419e680a6082c5fcd5621)

A handwritten signature in black ink, appearing to read "Crypta Sempersal".

Crypta Sempersal  
General Manager, Training & Certification  
The Linux Foundation

**Verified  
Certificate**



Madhur Garg

Director, Training and Certification

Amazon Web Services (AWS)

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**OTP- AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.

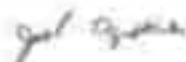


Verified Certificate  
Issued March 24, 2021

Valid Certificate ID  
<https://www.coursera.org/certificates/2021032411>

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Jay Shellen

Lecturer, International & English Language Programs  
University of Washington

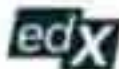
This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online  
learning initiative of University of Washington.



Verified Certificate  
Issued January 18, 2021

Valid Certificate ID  
[9926f37d805245a1e088243a9e80720f](#)



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Louagat".

**Mounir Louagat**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued April 29, 2023

Verif Certificate ID  
2f05e3ef8883e4380adffba1883ca43e2

**Verified**  
Certificate

**Harvard**X



Daniel Klein  
Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**PH525.4x: High-Dimensional Data Analysis**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued February 13, 2022

Valid Certificate ID  
<https://ed.org/certificates/PH525.4x/PriyankaKumari>

# Verified Certificate



Rav Ahuja

AI and Data Science Program Director

IBM

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.

**Verified Certificate**

Issued: January 20, 2024

**Valid Certificate ID**

e8d50513e0a74c3881f88a1a9525b2ca

**Verified  
Certificate**



This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Gita Dasgupta

HR & General Manager, Training & Certification

The Linux Foundation



Verified Certificate  
Issued February 16, 2022

Verify Certificate ID  
850u4e80a154a0m43308128637471D

# Verified Certificate

# HarvardX


This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**HUM12x: Masterpieces of World Literature**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Martin Puchner

Byron and Anita Wien Professor of Drama and of English and  
Comparative Literature

Harvard University



David Damrosch

Ernest Bernbaum Professor of Literature

Harvard University



Verified Certificate  
Issued May 8, 2024

Valid Certificate ID  
[8cdd13b08c0e4957bec4984a47c84185](#)



# Verified Certificate

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**eCARS03x: Electric Cars: Business**

a course of study offered by DelftX, an online learning initiative  
of Delft University of Technology.



Verified Certificate  
Issued May 13, 2023

Valid Certificate ID  
[913c433abbaf6242f985c69d62b0bf1826](https://courses.edx.org/certificates/913c433abbaf6242f985c69d62b0bf1826)

Roland Starmetz  
Owner of EV Consult  
Delft University of Technology

Aulis Heesters  
Senior Advisor Electric Mobility  
Eindhoven University of Technology

Bert van Wee  
Professor in Transport Policy  
Delft University of Technology

Rick Weeberus  
PhD researcher E-Mobility  
Delft University of Technology



has successfully completed

**PRIYANKA KUMARI**

has successfully completed

**Write Professional Emails in English**

provided through the course authorized by Georgia Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "David J. Reardon", positioned above a horizontal line.

David J. Reardon  
Director  
IT Learning Services

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/USITM15802058](https://coursera.org/verify/USITM15802058)  
Coursera has certified the identity of the individual and their participation in the course.

**Verified  
Certificate**

**HarvardX**



Daniel Krieger  
Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**PH525.4x: High-Dimensional Data Analysis**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued February 13, 2022

Valid Certificate ID  
<https://certificates.edx.org/certificate/PH525.4x/PriyankaKumari>

# Verified Certificate



Rav Ahuja

AI and Data Science Program Director

IBM

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.

**Verified Certificate**

Issued: January 20, 2024

**Valid Certificate ID**

e6d50513e0a74c3883f88a1a9525b2cd

**Verified  
Certificate**



This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Gita Dasgupta

VP & General Manager, Training & Certification

The Linux Foundation



Verified Certificate  
Issued February 18, 2022

Verify Certificate ID  
850u4e80a154a0m43308128637471D



# Verified Certificate

# HarvardX

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**HUM12x: Masterpieces of World Literature**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Martin Puchner

Byron and Anita Wien Professor of Drama and of English and  
Comparative Literature

Harvard University



David Damrosch

Ernest Bernbaum Professor of Literature

Harvard University



Verified Certificate  
Issued May 8, 2024

Valid Certificate ID  
[8cdd13b08c0e4957bec4984a47c84185](#)

# Verified Certificate

This is to certify that

**Priyanka Kumari**

successfully completed and received a passing grade in

**eCARS03x: Electric Cars: Business**

a course of study offered by DelftX, an online learning initiative  
of Delft University of Technology.



**Verified Certificate**  
Issued May 13, 2023

**Valid Certificate ID**  
[9f1c43abba65242f985c89d62b0bf6f826](https://courses.edx.org/certificates/9f1c43abba65242f985c89d62b0bf6f826)

# DelftX

Roland Starmetz  
Owner of EV Consult  
Delft University of Technology

Aulis Heesters  
Senior Advisor Electric Mobility  
Eindhoven University of Technology

Bert van Wee  
Professor in Transport Policy  
Delft University of Technology

Rick Weeberus  
PhD researcher E-Mobility  
Delft University of Technology

# **M** UNIVERSITY OF MICHIGAN

Jan 7, 2022

**BISWAJIT SAMANTA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ZDNCCVMDWVWY>

Coursera has certified the identity of this individual and their participation in the course.



May 25, 2021

**BISWAJIT SAMANTA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/55VJWN2OM6DS>

Coursera has certified the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

May 15, 2021

**BISWAJIT SAMANTA**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Hensler".

Jonathan S. Hensler  
Associate Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/WZ6HH37AFCK6](https://coursera.org/verify/WZ6HH37AFCK6)

Coursera has confirmed the identity of the individual and their  
participation in the course.

This certificate does not affirm that the learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between the learner and JHU (word or  
sight) or this learner at JHU or in any course offered by JHU or enable this learner to access or use resources beyond the online courses provided by Coursera.





May 21, 2021

**BISWAJIT SAMANTA**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ART95EMXV83F>

Coursera has verified the identity of this individual and their participation in the course.

# CALARTS

May 17, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Plan a Successful Freelancing Business**

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

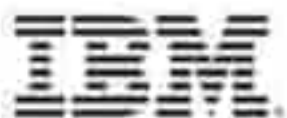
Tatiana Mulry  
Faculty  
Extended Studies

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/9MS2X1030575>

Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terryl Puckett*

Terryl Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/0547631924872>

Coursera has confirmed the identity of this individual and their participation in the course.



May 13, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Introduction to Cloud Computing**

an online non-credit course authorized by IBM and offered through Coursera

Biswajit  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/3E776T10C3CS>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106

Certificate url: [ude.my/UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106](https://ude.my/UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## **Biswajit Samanta**

Date **May 13, 2023**

Length **9.5 total hours**





Certificate no: UC-ba1383fe-7f04-4355-8aca-7b612b377b5d

Certificate url: [ude.my/UC-ba1383fe-7f04-4355-8aca-7b612b377b5d](https://ude.my/UC-ba1383fe-7f04-4355-8aca-7b612b377b5d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Diploma in Quantity Surveying & Cost Estimation With AutoCAD

Instructors **Akshay Kamath**

**Biswajit Samanta**

Date **May 19, 2024**

Length **54.5 total hours**



Certificate no: UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e

Certificate url: [ude.my/UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e](https://ude.my/UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linux Command-Line & Shell Scripting for Absolute Beginners

Instructors **Sygaki Education**

**Biswajit Samanta**

Date **May 19, 2024**

Length **17.5 total hours**



# Georgia Institute of Technology

Jan 2, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MS15GT6G58x02>

Coursera has verified the identity of this individual and their participation in the course.



# RICE UNIVERSITY

COURSE  
CERTIFICATE

6 May, 2023

**SHUBHA GHORUI**

has successfully completed

**Interpersonal Communication for Engineering  
Leaders**

an online non-credit course authorized by Rice University and offered through Coursera.



Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:

<https://coursera.org/verify/DXSE3n6TPxH9>

Coursera has verified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Apr 9, 2023

**SHUBHA GHORUI**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Mahan Babbar  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/86KQWV786Cks>

Coursera has verified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

1 May, 2023

**SHUBHA GHORUI**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/884WJ55F1C3C>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-812b7012-b175-4b2f-94d9-73abc30667e8

Certificate url: [ude.my/UC-812b7012-b175-4b2f-94d9-73abc30667e8](https://ude.my/UC-812b7012-b175-4b2f-94d9-73abc30667e8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Shubha Ghorui

Date **April 30, 2023**

Length **8 total hours**



Certificate no: UC-068b21be-0e44-4d83-9661-ef84ba664d67  
Certificate url: [ude.my/UC-068b21be-0e44-4d83-9661-ef84ba664d67](https://ude.my/UC-068b21be-0e44-4d83-9661-ef84ba664d67)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python para no matemáticos: De 0 hasta reconocimiento facial

Instructors **Codigo 369, Academia Apps**

## Shubha Ghorui

Date **April 30, 2023**

Length **8.5 total hours**



Certificate no: UC-85980c01-1eac-46dc-b9ff-fc47880a370b

Certificate url: [ude.my/UC-85980c01-1eac-46dc-b9ff-fc47880a370b](https://ude.my/UC-85980c01-1eac-46dc-b9ff-fc47880a370b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

## Shubha Ghorui

Date **April 30, 2023**

Length **12 total hours**





# Georgia Institute of Technology

April 4, 2023

**SHUBHA GHORUI**

has successfully completed

**Applications in Engineering Mechanics**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Wayne E. Williams, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/AGOGPZ1147W1>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

22 Apr. 2023

**SHUBHA GHORUI**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/14489111547C1>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

19 Apr. 2023

**SHUBHA GHORUI**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/SEABOR74032e>

Coursera has confirmed the identity of this individual and their participation in the course.



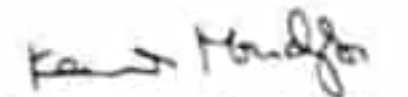
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SHIBAM MISHRA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgalya  
IIT Bombay

May 8, 2009

**Shibam Mishra**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Perrottin, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:  
<https://coursera.org/verify/28F6HAATPME>

Coursera has confirmed the identity of this individual and their  
participation in the course.

**UCI** University of  
California, Irvine

Mar 15, 2023

**Shibam Mishra**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



Sanjiv Mishra  
Professor  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/7XEX2QAPN5BU>

Coursera has certified the identity of this individual and their  
participation in the course.





Certificate no: UC-fb614300-fedb-4f86-bf89-e1345243933d

Certificate url: [ude.my/UC-fb614300-fedb-4f86-bf89-e1345243933d](https://ude.my/UC-fb614300-fedb-4f86-bf89-e1345243933d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha, Doron Williams**

## Shibam Mishra

Date **May 28, 2023**

Length **12.5 total hours**



# CERTIFICATE OF COMPLETION

.....

This is to certify that Mr. / Ms. Shibam Mishra successfully completed  
the course with on certificate for Python Foundation with Data  
Structures & Algorithms.

*Karan Arora*  
Karan Arora



*26 May 2022*  
Date

Certificate ID: 49094072

Certificate URL: <https://machinelearning.org.in/verify/certificate/49094072>



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHIBAM MISHRA**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **72** %

Online Assignments	16.6/25	Programming Exam	25/25	Proctored Exam	30.32/50
--------------------	---------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **7438**

Prof. Devendra Jalihal

Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31523650439

To validate and check scores: <https://nptel.ac.in/moc>



# Georgia Institute of Technology

Feb 13, 2022

**Shibam Mishra**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/jwt/v1/AYH5K3BW6CTE](https://coursera.org/jwt/v1/AYH5K3BW6CTE)

Coursera has confirmed the identity of this individual and their participation in the course.



May 2, 2023

**Shibam Mishra**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM and offered through Coursera

**COURSE  
CERTIFICATE**



Sanjiv  
Global Program Director  
Skills Network

Anurag, PhD  
Data Science

Verify at:

<https://coursera.org/verify/BC1DC3M6-6E18>

Coursera has verified the identity of this individual and their participation in the course.





Certificate ID: UC-d7820000042-4388-900a-9d84e71c3103  
Certificate URL: https://www.udacity.com/certificate/UC-d7820000042-4388-900a-9d84e71c3103  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ : CS104, CS105 Masterclass

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Soumyadeep Bandyo**

Date: May 6, 2024

Length: 8.5 total hours



Certificate no. UC-00000000-0000-4000-0000-000000000000  
Certificate url: udemy.com/UC-00000000-0000-4000-0000-000000000000  
Reference number: 0000

CERTIFICATE OF COMPLETION

# The Art of the Portrait - Drawing For Beginners

Instructors: Chris Patrocchi

**Soumyadeep Bandyo**

Date: May 8, 2024

Length: 14 total hours



Certificate ID: UC-CERT2024-1038-4476-0734-0409552268  
Certificate URL: [udemy/CERT2024-1038-4476-0734-0409552268](#)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Marketing Course 2024: 18 Courses in 1

Instructors: Ing. Tomas Moravek, Learn Digital Advertising, Hazel Owens, Thomas Talavera Karlake

**Soumyadeep Bandyo**

Date: May 12, 2024

Length: 83.5 total hours



Certificate ID: 6029164-296-4664902710a04214  
Certificate URL: udemy/certificate/6029164-296-4664902710a04214  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors: **Vladimir Rodriguez**

**Soumyadeep Bandyo**

Date: **May 3, 2023**

Length: **81.5 total hours**



Certificate ID: UC-0072456-019-405-445-04829x12719  
Certificate URL: <https://www.udacity.com/certificate/UC-0072456-019-405-445-04829x12719>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS SageMaker MasterClass

Instructors: Raj Chhabra

**Soumyadeep Bandyo**

Date: April 30, 2023

Length: 3.5 total hours





Udemy Inc. 2211 Wilson Blvd, Suite 200  
Foster City, CA 94024  
© 2024 Udemy Inc. All rights reserved.  
Release Date: 2024

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ : CS104, CS105 Masterclass

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Soumyadeep Bandyo**

Date: May 6, 2024

Length: 6.5 total hours



Certificate for UC-edf05965-6624-4429-8290-646278271234  
Certificate URL: [www.udacity.com/certificate/uc29-4429-8290-646278271234](#)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Art of the Portrait - Drawing For Beginners

Instructors: [Chris Petroschi](#)

**Soumyadeep Bandyo**

Date: **May 8, 2024**

Length: **14 total hours**



Diplôme n° UC-0075261-2024-4476-4734-4476261261  
Certificate of Udemy UC-0075261-2024-4476-4734-4476261261  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Marketing Course 2024: 18 Courses in 1

Instructors: Ing. Tomas Moravek, Learn Digital Advertising, Hazel Owens, Thomas Talavera Karslake

**Soumyadeep Bandyo**

Date: May 12, 2024

Length: 03.5 total hours













Udemy is an online learning platform that offers a wide range of courses and programs. It is a leading provider of digital education and has helped millions of people learn new skills and advance their careers.

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATKO**, Andrii Platakha

**Dona Ghosh**

Date: April 13, 2023

Length: 8.5 total hours



Certificate of Completion for the course  
JavaScript And PHP And Python Programming Complete Course  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: PROPER DOT INSTITUTE

**Dona Ghosh**

Date: April 13, 2023

Length: 8 total hours



Certificate for Udemy course completion  
Certificate of Completion for Udemy course completion  
Release Period: 2023

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors: Faisal Zamir, Jafri Code

**Dona Ghosh**

Date: March 31, 2023

Length: 13.5 total hours







Certificate ID: UC-PTD4ku-8786-4004-6624-2022030404  
Certificate URL: <https://www.udacity.com/certificate/UC-PTD4ku-8786-4004-6624-2022030404>  
Certificate Number: 2022

CERTIFICATE OF COMPLETION

# Applied Linux Command Line and Shell Scripting Zero to Elite

Instructors: **Seyed Farshid Miri, Seyed Farhad Miri**

**Dona Ghosh**

Date: **March 31, 2023**

Length: **9 total hours**

# **M** UNIVERSITY OF MICHIGAN

April 24, 2015

**Krishnendu Adak**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online two-credit course authorized by University of Michigan and offered through Coursera



Chad A. Bracken  
Classical Professor, School of Education  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/38W19D569XU>

Coursera has verified the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

Apr 25, 2023

**Krishnendu Adak**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Swinburne University of Technology and  
4TU.Ethics and offered through Coursera

Course Leader  
Associate Professor  
Swinburne University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/FA830YH32N6T>

Coursera has confirmed the validity of this signature and their  
participation in the course.



# Georgia Institute of Technology

May 11, 2023

**Krishnendu Adak**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gene Corbett  
Dean  
CT Learning Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8827AK23672N>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-56293ddf-547b-4b0c-925b-2fb2c4c66971

Certificate url: [ude.my/UC-56293ddf-547b-4b0c-925b-2fb2c4c66971](https://ude.my/UC-56293ddf-547b-4b0c-925b-2fb2c4c66971)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors **Linguae Learning, Linguae Teaching Assistant**

## **Pallabi ghosh**

Date **June 8, 2022**

Length **45 total hours**



Certificate no: UC-e6bbc713-b10f-482a-aeed-336d35f81a8e

Certificate url: [ude.my/UC-e6bbc713-b10f-482a-aeed-336d35f81a8e](https://ude.my/UC-e6bbc713-b10f-482a-aeed-336d35f81a8e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Pallabi ghosh

Date **May 12, 2023**

Length **64 total hours**



Certificate no: UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a

Certificate url: [ude.my/UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a](https://ude.my/UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Budgets – Managerial Accounting/Cost Accounting

Instructors **Robert (Bob) Steele**

## Pallabi ghosh

Date **June 8, 2022**

Length **24.5 total hours**





Certificate no: UC-e4889304-9873-4577-a84a-7a0b7b57d653

Certificate url: [uda.my/UC-e4889304-9873-4577-a84a-7a0b7b57d653](https://uda.my/UC-e4889304-9873-4577-a84a-7a0b7b57d653)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## Pallabi ghosh

Date **May 12, 2023**

Length **25 total hours**



**UC** | Chile

May 25, 2024

**Prince Kumar**

has successfully completed

**English for Common Interactions in the  
Workplace: Basic Level**

an online non-credit course authorized by Pontificia Universidad Católica de Chile and  
offered through Coursera

James Gilman  
Building Director and Coordinating Officer Director

Paula Alejandra Vera Arce  
Deputy Academic Director of Academic Programs  
Head of Program

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/FTG2EGUJUEFH4>

Coursera has certified the identity of this individual and their  
participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

May 25, 2024

Prince Kumar

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Patel, Duncan Pritchard, Yaelin Leraida, Matthew Crummin, Allan Hahler, Michael S. Green, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/MMSLUV0r7AVL>

Coursera has certified the identity of this individual and their  
participation in the course.



# Certificate

We certify that Prince Kumar  
has completed the following courses on our platform:



English language beginner and elementary level by English for You

42 hours 06 minutes - From 26/05/2024 to 27/05/2024

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Prince Kumar

u4361342

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-5f0c3163-11f2-4c40-965c-734017854410

Certificate url: [ude.my/UC-5f0c3163-11f2-4c40-965c-734017854410](https://ude.my/UC-5f0c3163-11f2-4c40-965c-734017854410)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructors **Arbaz Khan**

## Prince Kumar

Date **May 25, 2024**

Length **13 total hours**

# **M** UNIVERSITY OF MICHIGAN

Jan 7, 2022

**BISWAJIT SAMANTA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ZDNCCVMDWVWY>

Coursera has certified the identity of this individual and their participation in the course.



May 25, 2021

**BISWAJIT SAMANTA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/55VJWN2OM6DS>

Coursera has certified the identity of this individual and their participation in the course.





## COURSE CERTIFICATE

May 15, 2021

**BISWAJIT SAMANTA**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Hensler".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/WZ6HH37AFCK6](https://coursera.org/verify/WZ6HH37AFCK6)

Coursera has confirmed the identity of the individual and their  
participation in the course.

This certificate does not affirm that the learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between the learner and PhD (word) or  
right or title (word) at PhD or in any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



May 21, 2021

**BISWAJIT SAMANTA**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghahai".

Martin Ghahai, Stuart Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ART95EMXV83T>

Coursera has verified the identity of this individual and their participation in the course.

# CALARTS

May 17, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Plan a Successful Freelancing Business**

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

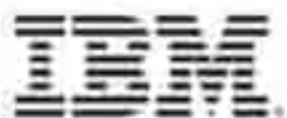
Tatiana Mulry  
Faculty  
Extended Studies

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/9MS2X1030575>

Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terry Puckett*

Terry Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/0547631924872>

Coursera has confirmed the identity of this individual and their participation in the course.



May 13, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Introduction to Cloud Computing**

an online non-credit course authorized by IBM and offered through Coursera

Biswajit Samanta  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/3E776T10C3CS>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106

Certificate url: [ude.my/UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106](https://ude.my/UC-9be468d4-6c4f-468e-b3ab-c7fc55daa106)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## **Biswajit Samanta**

Date **May 13, 2023**

Length **9.5 total hours**



Certificate no: UC-ba1383fe-7f04-4355-8aca-7b612b377b5d

Certificate url: [ude.my/UC-ba1383fe-7f04-4355-8aca-7b612b377b5d](https://ude.my/UC-ba1383fe-7f04-4355-8aca-7b612b377b5d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Diploma in Quantity Surveying & Cost Estimation With AutoCAD

Instructors **Akshay Kamath**

**Biswajit Samanta**

Date **May 19, 2024**

Length **54.5 total hours**



Certificate no: UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e

Certificate url: [ude.my/UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e](https://ude.my/UC-5d55648d-b26d-4077-a0bc-f0a9cf10f76e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linux Command-Line & Shell Scripting for Absolute Beginners

Instructors **Sygaki Education**

**Biswajit Samanta**

Date **May 19, 2024**

Length **17.5 total hours**



# Georgia Institute of Technology

Jan 2, 2023

**BISWAJIT SAMANTA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MS15GT6G58x02>

Coursera has verified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 5, 2020

**Sinjini Banerjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/2R35TCWYLUQ1](https://coursera.org/verify/2R35TCWYLUQ1)

Coursera has confirmed the identity of this individual and their participation in the course.



# Verified Certificate



Technische Universität München

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Heidi Manning  
Head of English  
TUM Language Center



Dr. Aparna Bhat  
Lecturer  
TUM Language Center



Verified Certificate  
Issued January 20, 2021

Valid Certificate ID  
[c021f5de3d5a474cc8ccd40ebaa87b48](https://courses.edx.org/certificate/021f5de3d5a474cc8ccd40ebaa87b48)

# VERIFIED

## CERTIFICATE of ACHIEVEMENT



*Jeel Ozmelich*

Jeel Ozmelich  
 Lecturer, International & English Language Programs  
 University of Washington

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtoX, an online learning initiative of  
 University of Washington.



VERIFIED CERTIFICATE  
 Issued January 5, 2021

VALID CERTIFICATE ID  
 0381932f1c0d9420086c2d1607eac31307



Jan 29, 2022

**Sinjini Banerjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

Ranjiv Ranjan, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/QKAPCR7G37Ri](https://coursera.org/verify/QKAPCR7G37Ri)

Coursera has confirmed the identity of this individual and their participation in the course.

**Verified**  
certificate

**HarvardX**

*Trust in Us*

Richard Elymore  
Gregory R. Arvig Research Professor of Educational Leadership  
Harvard University

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate  
Issued February 20, 2021

Valid Certificate ID  
[7115c51dcb8a116c9945478e8a2878a0](https://courses.edx.org/verify/certificate/7115c51dcb8a116c9945478e8a2878a0)

# Verified Certificate



This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**R1101x: Responsible Innovation: Ethics, Safety  
and Technology**

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology.

  
Jansen van den Hoonaak  
Professor of Ethics and Technology  
Delft University of Technology

  
Jessi Groot Karmylina  
Course Manager  
Delft University of Technology



Verified Certificate  
Issued March 6, 2021

Valid Certificate ID

[36cc3c06c0a4481d2c09162ae7057a](https://courses.edx.org/certificates/36cc3-c06c0a44481d2c09162ae7057a)



# Verified Certificate



Joseph Sureshalingam  
Data Scientist  
IBM

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 20, 2021

Valid Certificate ID

[f005acc2eae6046408808a9a1d9ae7d73d](https://courses.edx.org/certificates/005acc2eae6046408808a9a1d9ae7d73d)

# Verified Certificate



This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read "Clyde Soper".

Clyde Soper  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 6, 2022

Valid Certificate ID  
[33c24488a7de3372459fd29](https://courses.edx.org/certificates/33c24488a7de3372459fd29)

# Verified Certificate



*Cecilia Ryckman*

Cecilia Ryckman  
Program Manager, IBM Security Learning Services  
IBM

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

## Cybfun.1.0: Cybersecurity Basics

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued June 9, 2022

Valid Certificate ID

[1af1fc25af69245c69e4d41b6311b9d3ecd8](https://courses.edx.org/certificates/1af1fc25af69245c69e4d41b6311b9d3ecd8)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Sinjini Banerjee**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Dr. Barbara Endicott-Popovsky

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
*University of Washington Center of Academic Excellence*



**Verified Certificate**  
Issued May 15, 2023

**Valid Certificate ID**  
[085043ed88104833b2baa10ff0e8cc3d](#)



Certificate no: UC-94d76fc4-a0c0-4527-be10-0d1de3c81d76

Certificate url: [ude.my/UC-94d76fc4-a0c0-4527-be10-0d1de3c81d76](https://ude.my/UC-94d76fc4-a0c0-4527-be10-0d1de3c81d76)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Ethical Hacking and Penetration Testing | EHPT+

Instructors **OCSALY Academy** | **340.000+** Students - **Ethical Hacking**

**Krishna soni**

Date **May 12, 2024**

Length **9.5 total hours**





Certificate no: UC-3b7d300e-8249-4a62-a540-a97e411e3567

Certificate url: [ude.my/UC-3b7d300e-8249-4a62-a540-a97e411e3567](https://ude.my/UC-3b7d300e-8249-4a62-a540-a97e411e3567)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Krishna soni**

Date **May 19, 2024**

Length **8 total hours**



Certificate no: UC-158e4524-83cc-43c1-9ab2-047f5e70ba54

Certificate url: [ude.my/UC-158e4524-83cc-43c1-9ab2-047f5e70ba54](https://udemy.com/UC-158e4524-83cc-43c1-9ab2-047f5e70ba54)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Krishna soni**

Date **May 19, 2024**

Length **77 total hours**



Certificate no: UC-22644306-4855-4e0b-af41-45ddf3403893

Certificate url: [udemy.com/UC-22644306-4855-4e0b-af41-45ddf3403893](https://udemy.com/UC-22644306-4855-4e0b-af41-45ddf3403893)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Krishna soni**

Date **May 12, 2024**

Length **9.5 total hours**



नामांकन सं. / Enrolment No.: 2021931400055

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SWARNAVA GHOSH**

को " जैव विविधता संरक्षण योजना हेतु भू-सूचना विज्ञान "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 06 दिसम्बर, 2021 से 17 दिसम्बर, 2021 ( कुल पाठ्यक्रम की अवधि = 9 घंटे ) के दौरान किया गया।

(सम्बन्धित आई आई.आर.एस. नोडल केन्द्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज )

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SWARNAVA GHOSH**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Geo-informatics for Biodiversity Conservation Planning"**

THIS ONLINE COURSE WAS CONDUCTED DURING **06-12-2021 to 17-12-2021** ( Total course duration was = 9 hours ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

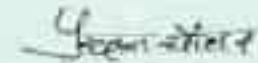
Date: 23-12-2021

Place: Dehradun

UID: [13a0f8f1d9ea609de25e01d55779e4](https://certificate.iirs.gov.in/13a0f8f1d9ea609de25e01d55779e4) This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun

# CERTIFICATE OF COMPLETION

## ONLINE COURSE



यह प्रमाणपत्र

**MR. SWARNAVA GHOSH**

को "प्राकृतिक संसाधन प्रबंधन में सुदूर संवेदन और जीआईएस के अनुप्रयोग" को

में ऑनलाइन पाठ्यक्रम पूर्ण करने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 08 नवंबर, 2021 से 26 नवंबर, 2021 (कुल पाठ्यक्रम की अवधि = 19 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SWARNAVA GHOSH**

ON COMPLETION OF THE ONLINE COURSE ON

**"RS & GIS Applications in Natural Resource Management"**

THIS ONLINE COURSE WAS CONDUCTED DURING **08-11-2021 to 26-11-2021** ( Total course duration = 19 hrs & 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

Online Exam Grade: **B**

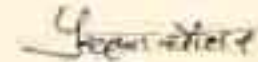
Attendance: **93 %**

Date: **23-12-2021**

Place: Dehradun



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun





Certificate no: UC-61a7d37a-5c8f-45d1-a724-b127e9effab5

Certificate url: [ude.my/UC-61a7d37a-5c8f-45d1-a724-b127e9effab5](https://ude.my/UC-61a7d37a-5c8f-45d1-a724-b127e9effab5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Artificial Neural Networks (ANN) with Keras in Python and R

Instructors **Start-Tech Academy**

**swarnava Ghosh**

Date **26 May 2022**

Length **11 total hours**



Certificate no: UC-983a771a-270c-48c1-8057-4001988475a1  
Certificate url: <https://www.udemy.com/certificate/UC-983a771a-270c-48c1-8057-4001988475a1>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linear Regression and Logistic Regression in Python

Instructors **Start-Tech Academy**

**swarnava Ghosh**

Date **10 May 2022**

Length **8.5 total hours**



Certificate no: UC-969a617d-1701-48ca-9597-87354a26314f

Certificate url: [ude.my/UC-969a617d-1701-48ca-9597-87354a26314f](https://ude.my/UC-969a617d-1701-48ca-9597-87354a26314f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Analysis and Financial Modeling using MS Excel

Instructors **Start-Tech Academy**

**swarnava Ghosh**

Date **26 May 2022**

Length **10.5 total hours**



Certificate no: UC-e7b5c173-81b0-4779-906f-1642282d3640

Certificate url: [udemy.com/certificate/UC-e7b5c173-81b0-4779-906f-1642282d3640](https://udemy.com/certificate/UC-e7b5c173-81b0-4779-906f-1642282d3640)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Autocad | Sıfırdan Uzmanlığa 30+ Saat Sektörel Eğitim Seti

Instructors **Havacılık Akademi**

**swarnava Ghosh**

Date **28 May 2022**

Length **30.5 total hours**





Certificate no: UC-20778c71-5957-42e6-b405-35e3ebab4515

Certificate url: [udemy.com/certificate/UC-20778c71-5957-42e6-b405-35e3ebab4515](https://udemy.com/certificate/UC-20778c71-5957-42e6-b405-35e3ebab4515)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reportings und Routineaufgaben mit Excel VBA automatisieren

Instructors **Sebastian Glöckner, Sebastian Glöckner Karriere-Entwicklung, Sebastian Glöckner Support**

## Swarnava Ghosh

Date **March 17, 2023**

Length **9.5 total hours**





Certificate no: UC-9b7d8d9b-14c0-43fb-97bd-837e452bdc19

Certificate url: [ude.my/UC-9b7d8d9b-14c0-43fb-97bd-837e452bdc19](https://ude.my/UC-9b7d8d9b-14c0-43fb-97bd-837e452bdc19)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Swarnava Ghosh

Date **March 17, 2023**

Length **34 total hours**





1985-1986

**Souvik Koley**

1985-1986

**Write Professional Emails in English**

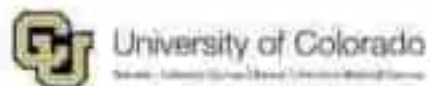
1985-1986

1985-1986

COURSE  
CERTIFICATE



1985-1986



1985-1986

**Souvik Koley**

1985-1986

**Teamwork Skills: Communicating Effectively in Groups**

1985-1986

**Matthew Korchmann**

1985-1986

COURSE  
CERTIFICATE



1985-1986



The University of Manchester

MANCHESTER

**Souvik Koley**

MANCHESTER

**Managing Responsibility: Practicing Sustainability,  
Responsibility and Ethics**

MANCHESTER

*MANCHESTER* **Sally Randles** *MANCHESTER*

MANCHESTER

COURSE  
CERTIFICATE



<https://www.coursera.org/verify/certificate/1234567890>

MANCHESTER

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS3151265170

To  
SOUVIK KOLEY  
IITL - KOLKATA  
PY PROGRAMS IN PYTHON  
202204  
9871 89646 - 111146  
No. NP-202204170



Score	Type of Certificate
1-60	Distinction
71-80	Distinction
61-70	Distinction
41-60	Successfully Completed
0-40	No Certificate

No. of credits recommended by NPTEL:

An additional 1 credit may be awarded if the University/Institute is not listed in the approved list of institutions.



Elite

## NPTEL Online Certification

(Awarded by the IITs, Govt. of India)



This certificate is awarded to

**SOUVIK KOLEY**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **73 %**

Online Assignments	24/25	Programming Exam	25/25	Proctored Exam	23/30
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 7438

  
Prof. Anand K. Jeyaraman

Director  
Center for Computer Education, IITM

Jan-Apr 2022  
(12 week course)

  
Prof. Ananta Prasad

NPTEL, South Zone  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS3151265170

To witness and share your journey, you need a story.







Udemy, Inc. 2200 California Street, Suite 100  
San Francisco, CA 94115-1701  
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CERTIFICATE OF COMPLETION

# Complete English Grammar For Lower Levels

Instructor: **ONG Kucukakun**

**SOUVIK KOLEY**

Date: May 16, 2024  
Length: 29 total hours



Udemy, Inc. 2200 California Street, Suite 100  
San Francisco, CA 94115-1701  
© 2024 Udemy, Inc.

CERTIFICATE OF COMPLETION

# PHP Laravel 2024: Build Coffee Shop Management System

Instructor: **Web Coding**

**SOUVIK KOLEY**

Date: May 13, 2024  
Length: 8 total hours



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Udemy Inc. 2024. All rights reserved.  
Udemy Inc. 2024.

CERTIFICATE OF COMPLETION

# HTML 5,Python,Flask Framework All In One Complete Course

Instructors: Horizon Tech

**SOUVIK KOLEY**

Date: May 8, 2024

Length: 9.5 total hours



Certificate no: UC-56293ddf-547b-4b0c-925b-2fb2c4c66971

Certificate url: [ude.my/UC-56293ddf-547b-4b0c-925b-2fb2c4c66971](https://ude.my/UC-56293ddf-547b-4b0c-925b-2fb2c4c66971)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors **Linguae Learning, Linguae Teaching Assistant**

## Pallabi ghosh

Date **June 8, 2022**

Length **45 total hours**



Certificate no: UC-e6bbc713-b10f-482a-aeed-336d35f81a8e

Certificate url: [ude.my/UC-e6bbc713-b10f-482a-aeed-336d35f81a8e](https://ude.my/UC-e6bbc713-b10f-482a-aeed-336d35f81a8e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Pallabi ghosh

Date **May 12, 2023**

Length **64 total hours**





Certificate no: UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a

Certificate url: [ude.my/UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a](https://ude.my/UC-a4ea8a68-c9fc-4f75-8ece-0d2d4cc82b6a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Budgets – Managerial Accounting/Cost Accounting

Instructors **Robert (Bob) Steele**

**Pallabi ghosh**

Date **June 8, 2022**

Length **24.5 total hours**



Certificate no: UC-e4889304-9873-4577-a84a-7a0b7b57d653

Certificate url: [uda.my/UC-e4889304-9873-4577-a84a-7a0b7b57d653](https://uda.my/UC-e4889304-9873-4577-a84a-7a0b7b57d653)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

**Pallabi ghosh**

Date **May 12, 2023**

Length **25 total hours**



Certificate ID: 14677234-1522-4433-8286-a715a1933241  
Certificate URL: <https://www.udacity.com/certificate/14677234-1522-4433-8286-a715a1933241>  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# 300+ Python Exercises (Simple, Intermediate & Complex)

Instructors: Faisal Zamir, Jefri Code

**Ayan Pal**

Date: May 11, 2023

Length: 28.5 total hours



Certificate for UC-1469776-4641424-1423264642  
Certificate ID: UC-1469776-4641424-1423264642  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Beginners Bootcamp | HTML CSS Coding for Website Development

Instructors: Faisal Zamir, Jafri Code

**Ayan Pal**

Date: May 1, 2023

Length: 13.5 total hours







UNIVERSITY OF  
ALBERTA

Jan 8, 2018

**Ayan Pal**

has successfully completed

**Problem Solving, Python Programming, and Video Games**

with a grade of **80%** (B) as authorized by University of Alberta and offered through  
Coursera.

Registrar

Course Director

COURSE  
CERTIFICATE



Verify at  
<https://coursera.com/verify/UNIVERSITYOFALBERTA>

Course ID: 684 (2018) and ID: 684 (2018) and ID: 684 (2018)  
Date Issued: 1/8/2018



**THE UNIVERSITY**  
*of* EDINBURGH

May 20, 2020

**Ayan Pal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera.

*Prof. Thomas Shannon*  
Head of School

Prof. Thomas Shannon is the Director of the Edinburgh Centre for Philosophy & Neuroscience, the Director of the Edinburgh Centre for Cognitive Neuroimaging and the Director of the Edinburgh Centre for Cognitive Neuroscience & Psychology.

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/verify/734866435>

Account ID: 734866435. Please do not disclose this ID to anyone outside the organization or to the course.



# Georgia Institute of Technology

Dec 28, 2011

**Ayan Pal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Secretary of Education and offered through Coursera.

Dec 28, 2011

Signature

Signature

Signature

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/00120110002011](https://coursera.org/verify/00120110002011)

Coursera has not certified the issuer of this certificate and does not warrant the accuracy of the issuer's information.

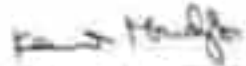


## Certificate for Completion of Introduction to Computers Training

This is to certify that **AYAN PAL** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kamesh N. Shivaputra  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

Year 3 : 2020-21

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 4 : 2021-22

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 5 : 2022-23

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 6 : 2023-24



Name of online MOOC programs like SWAYAM, NPTEL, Coursera etc.	Course Code (if any)	Year	
CURSA - Android For Beginner By The new boston		2024	
CURSA- Machine Learning for Healthcare by MIT		2024	



Duration of course:

10 hours 46 minutes

31 hours 35 minutes





Certificate no: UC-6c41b3f8-979c-44d0-ade4-5bd9a378a7c1

Certificate url: [ude.my/UC-6c41b3f8-979c-44d0-ade4-5bd9a378a7c1](https://ude.my/UC-6c41b3f8-979c-44d0-ade4-5bd9a378a7c1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Pancham Ram**

Date **June 8, 2022**

Length **22 total hours**



Certificate no: UC-9a379a20-24e2-4bf6-97b8-8e83d081df84  
Certificate url: [ude.my/UC-9a379a20-24e2-4bf6-97b8-8e83d081df84](https://udemy.com/UC-9a379a20-24e2-4bf6-97b8-8e83d081df84)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# YouTube Masterclass Training - 2019 in Hindi/Urdu - Sarfaraz

Instructors **Sarfaraz abro**

## Pancham Ram

Date **June 8, 2022**

Length **16 total hours**





Certificate no: UC-edaf5353-89db-4b88-8b73-defef922c2a5

Certificate url: [ude.my/UC-edaf5353-89db-4b88-8b73-defef922c2a5](https://ude.my/UC-edaf5353-89db-4b88-8b73-defef922c2a5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

**Pancham Ram**

Date **July 31, 2022**

Length **35 total hours**



Certificate no: UC-ef0e8aea-b455-47d4-ae19-92c7c3a18da8

Certificate url: [ude.my/UC-ef0e8aea-b455-47d4-ae19-92c7c3a18da8](https://udemy.com/certificate/UC-ef0e8aea-b455-47d4-ae19-92c7c3a18da8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Illustrator CC 2020 MasterClass

Instructors **CADCIM Technologies**

## Pancham Ram

Date **July 25, 2022**

Length **39.5 total hours**



Certificate no: UC-d40a30b4-8d59-4f98-8dbb-dc1129aefe86

Certificate url: [ude.my/UC-d40a30b4-8d59-4f98-8dbb-dc1129aefe86](https://ude.my/UC-d40a30b4-8d59-4f98-8dbb-dc1129aefe86)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Public Speaking for People Who Hate Public Speaking

Instructors **TJ Walker, Media Training Worldwide Digital**

**Shubhra pratik paul**

Date **May 17, 2024**

Length **4.5 total hours**





Certificate no: UC-ba8b300d-23f4-444a-865b-098de22cfcf2

Certificate url: [ude.my/UC-ba8b300d-23f4-444a-865b-098de22cfcf2](https://ude.my/UC-ba8b300d-23f4-444a-865b-098de22cfcf2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Shubhra pratik paul

Date **May 23, 2024**

Length **11.5 total hours**



Certificate no: UC-c9c0ef71-b797-4be5-91b8-c70e9455d512

Certificate url: [ude.my/UC-c9c0ef71-b797-4be5-91b8-c70e9455d512](https://ude.my/UC-c9c0ef71-b797-4be5-91b8-c70e9455d512)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Time Value of Money & Capital Budgeting - Present Value

Instructors **Robert (Bob) Steele**

## Shubhra pratik paul

Date **May 23, 2024**

Length **11 total hours**





Certificate no: UC-1011afb5-5750-4066-bc87-be337c51e33f

Certificate url: [ude.my/UC-1011afb5-5750-4066-bc87-be337c51e33f](https://ude.my/UC-1011afb5-5750-4066-bc87-be337c51e33f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Google Ads, YouTube Ads, Bing Ads + ChatGPT Course

Instructors **Ing. Tomas Moravek, Hazel Owens, Learn Digital Advertising**

## Shubhra pratik paul

Date **May 23, 2024**

Length **19 total hours**



April 20, 2023

**SOURAV SARKAR**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BEUG98NVJUH8>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 18, 2023

**SOURAV SARKAR**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Leshure  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/55GCTC66VET8>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-51f87bad-827d-4492-a783-945eb8c240f1

Certificate url: [ude.my/UC-51f87bad-827d-4492-a783-945eb8c240f1](https://ude.my/UC-51f87bad-827d-4492-a783-945eb8c240f1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Programming with C++ Language: The Complete Course

Instructors **Dr. Rakesh Roshan**

## Sourav Sarkar

Date **May 6, 2024**

Length **10 total hours**





Certificate no: UC-0a250efd-df49-4ab4-93f1-fd598d9ef8a7

Certificate url: [ude.my/UC-0a250efd-df49-4ab4-93f1-fd598d9ef8a7](https://udemy.com/UC-0a250efd-df49-4ab4-93f1-fd598d9ef8a7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master HTML and CSS by building real world projects

Instructors **Anisul Islam**

## Sourav Sarkar

Date **May 6, 2024**

Length **16 total hours**





Certificate no: UC-fcd95a24-dc97-4cb3-a529-99bd17fcb188

Certificate url: [ude.my/UC-fcd95a24-dc97-4cb3-a529-99bd17fcb188](https://ude.my/UC-fcd95a24-dc97-4cb3-a529-99bd17fcb188)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C programming language | The Complete C Course (Arabic)

Instructors **put codes**

## Sourav Sarkar

Date **May 6, 2024**

Length **21.5 total hours**



Certificate no: UC-77170e3b-fce6-47c3-b77c-cf665a2d0c28

Certificate url: [ude.my/UC-77170e3b-fce6-47c3-b77c-cf665a2d0c28](https://ude.my/UC-77170e3b-fce6-47c3-b77c-cf665a2d0c28)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete 2024 Linux Course: Beginner to Pro Level

Instructors **Mo Khalil, M Torkey**

**Sourav Sarkar**

Date **May 19, 2024**

Length **27 total hours**



Certificate no: UC-f8cb8d24-399b-4338-8588-6e27f3efaf29

Certificate url: [ude.my/UC-f8cb8d24-399b-4338-8588-6e27f3efaf29](https://ude.my/UC-f8cb8d24-399b-4338-8588-6e27f3efaf29)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

## Sourav Sarkar

Date **May 18, 2023**

Length **12.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOURAV SARKAR**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **49** %

Online Assignments	17.97/25	Proctored Exam	30.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairman

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533020034

To validate the certificate



No. of credits recommended: 3 or 4





Apr 10, 2017

**Arpita Dutta**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

David Forster  
Senior Vice President  
IBM

**COURSE  
CERTIFICATE**



Verify at  
<https://coursera.org/verify/706615504118>

Coursera has verified the identity of this individual and their participation in the course.





Certificate ID: UC-0029661-026-466-466-074279441  
Certificate ID: UC-0029661-026-466-466-074279441  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Data Analyst Skill path in Hindi - हिंदी में Data analytics

Instructors: Start-Tech Trainings, Start-Tech Academy

**Arpita Dutta**

Date: May 3, 2023

Length: 15.5 total hours



Certificate ID: UC-407035a-8821-4641-8846-e276d020a2d1  
Certificate ID: UC-407035a-8821-4641-8846-e276d020a2d1  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JavaScript, jQuery and React Bootcamp - Hands- On

Instructors: YouAzeel Training

**Arpita Dutta**

Date: **May 8, 2023**

Length: **13 total hours**



Certificate no. UC-36e70d32-4f80-44b0-b736-e0f723244e  
Certificate url: <https://www.udacity.com/certificate/UC-36e70d32-4f80-44b0-b736-e0f723244e>  
Reference Number: 0206

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors: YouAccel Training

**Arpita Dutta**

Date: May 6, 2023

Length: 13 total hours



Certificate no: UC-Terrada-cdf14ff1-4000-4076a00a2e26  
Certificate url: https://uc-terrada.com/aff/4000-4076a00a2e26  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors: OCSALY Academy | 200,000+ Students

**Arpita Dutta**

Date: May 7, 2023

Length: 8.5 total hours



Certificate no: UC-1946122-4561-822-aaa-1-545654-121  
Certificate of completion of course ID: UC-1946122-4561-822-aaa-1-545654-121  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: PROPER DOT INSTITUTE

**Arpita Dutta**

Date: May 9, 2023

Length: 8 total hours





CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors: **Web Coding**

**Arpita Dutta**

Date: **May 9, 2023**

Length: **6.5 total hours**



# CERTIFICATE OF COMPLETION

Presented to

**Ayan Roy**

For successfully completing a free online course  
**Python for Data Science**

Provided by

**Great Learning Academy**

(On May 2024)

# HOOGHLY ENGINEERING AND TECHNOLOGY COLLEGE

Vivekananda Road, Pipulpati, P.O. & Dist. Hooghly

## Department of Mechanical Engineering



Name Soumyadip Bhattacharjee

Year Second ( 2<sup>nd</sup> Year )

Class Roll No. 12

University Roll No. 17600722013

Session 2022-2023

## MOOCS ACTIVITY LIST

<i>Sl NO.</i>	<i>Name Of the Activity</i>	<i>Course Duration (Hours)</i>	<i>Points</i>
1.	Xero Accounting Software	34	04
2.	Income Tax – Schedule C Small Business Sole Proprietor	22	02
3.	Passive income W/ Udemy- Online Course Creation (Unofficial)	14	01
4.	XML and XSD: a complete W3C- content based course (+10 hours)	11	01
<b><u>Total</u></b>			<b>08</b>

- **Xero Accounting Software :**

[https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082/?utm\\_source=sendgrid.com&utm\\_medium=email&utm\\_campaign=email](https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082/?utm_source=sendgrid.com&utm_medium=email&utm_campaign=email)



Certificate ID: UC-d4978bbf-3866-409e-872b-24906f130082  
Certificate URL: https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082  
Expiration: Never

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Soumyadip Bhattacharjee**

Date: March 14, 2023

Length: 34 total hours



- **Income Tax – Schedule C Small Business Sole Proprietor :**

[https://www.udemy.com/certificate/UC-d912b364-e054-41b4-a683-aa6ca3420770/?utm\\_source=sendgrid.com&utm\\_medium=email&utm\\_campaign=email](https://www.udemy.com/certificate/UC-d912b364-e054-41b4-a683-aa6ca3420770/?utm_source=sendgrid.com&utm_medium=email&utm_campaign=email)



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Udemy Inc. 2019. All rights reserved.  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Soumyadip Bhattacharjee**

Date: March 31, 2023

Length: 22 total hours

- **Passive Income W/ Udemy- Online Course Creation (Unofficial) :**

<https://www.udemy.com/certificate/UC-73b22021-172d-4835-b30a-f610db3aebc0/>



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Certificate of Completion for Udemy  
Edureka Master 2024

CERTIFICATE OF COMPLETION

# **Passive income W/ Udemy- Online Course Creation (Unofficial)**

Instructors: **Passive Income Gen Z**

**Soumyadip Bhattacharjee**

Date: **April 13, 2023**

Length: **14 total hours**

- **XML and XSD: a complete W3C-content based course (+10 hours) :**

<https://www.udemy.com/certificate/UC-19e9a1d7-9022-4950-a5dc-64f776b0fccc/>



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Udemy Inc. 2022. All rights reserved.  
Udemy Inc. 2022

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors: **Daniel Pinheiro Maia**

**Soumyadip Bhattacharjee**

Date: **April 13, 2023**

Length: **11 total hours**

# HOOGHLY ENGINEERING AND TECHNOLOGY COLLEGE

Vivekananda Road, Pipulpati, P.O. & Dist. Hooghly

## Department of Mechanical Engineering



Name

Soumyadip Bhattacharjee

Year

3<sup>rd</sup> Year

Class Roll No.

11

University Roll No.

17600722013

Session

2023 - 2024

## MOOCS ACTIVITY LIST

<i>Sl NO.</i>	<i>Name Of the Activity</i>	<i>Course Duration (Hours)</i>	<i>Points</i>
1.	<i>Python , Flask Framework And Django Course For Beginners</i>	<i>18.5</i>	<i>02</i>
2.	<i>Complete Photography : 21 Courses in 1 [ Beginner to Expert ]</i>	<i>8.5</i>	<i>01</i>
3.	<i>Software architecture</i>	<i>8.5</i>	<i>01</i>
	<b><u>Total</u></b>		<b>04</b>



- **Python, Flask Framework And Django Course For Beginners :**

<https://www.udemy.com/certificate/UC-95b69cf4-aca3-4e03-8290-86ecdb84fe90/>



Certificate of Completion with Audit Trail (Unaudited)  
Certificate of Audit by the U.S. Copyright Office (Unaudited)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors: Horizon Tech

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 18.5 total hours

- **Complete Photography : 21 Courses in 1 [ Beginner to Expert ] :**

<https://www.udemy.com/certificate/UC-7cnef85b-fc4a-4ed5-987e-9ff4936b90c8/>



For details on Udemy's privacy practices, please visit [udemy.com/privacy](#)  
Certificate ID: UC-7cnef85b-fc4a-4ed5-987e-9ff4936b90c8  
Issued: February 2024

CERTIFICATE OF COMPLETION

# Complete Photography : 21 Courses in 1 [Beginner to Expert]

Instructors: Creative Online School

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 8.5 total hours

- **Software architecture :**

<https://www.udemy.com/certificate/UC-883522d2-698e-49c6-abaf-a897c84ce66a/>



Udemy Inc. 2020. All rights reserved. This certificate is valid for the course "Software Architecture" by Andrei Sviatosatko. Course ID: UC-883522d2-698e-49c6-abaf-a897c84ce66a. Expires: February 2024.

CERTIFICATE OF COMPLETION

# Software architecture

Instructor: **ANDREI SVIATOSATKO**

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 8.5 total hours



# UNIVERSITY OF MARYLAND

May 1, 2023

**SUPRAKASH ROY**

has successfully completed

**Cybersecurity for Everyone**

an online non-credit course authorized by University of Maryland, College Park and  
offered through Coursera

*Charles Harry*

Charles Harry Ph.D.  
Admission Review & Professor  
School of Public Policy  
University of Maryland, College Park

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PPr9C5vWMS00U>

Coursera has certified the identity of this individual and their  
participation in the course.



# ONLINE

Apr 24, 2023

**SUPRAKASH ROY**

has successfully completed

**People Analytics**

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Cathy Murray | Martin Hoos | Matthew Zahradil  
Executive Professor | Associate Professor of Management | Associate Professor of Management  
The Wharton School, University of Pennsylvania

COURSE  
CERTIFICATE



Verify at:

[coursera.org/verify/KX1N9@uGMMH](https://coursera.org/verify/KX1N9@uGMMH)

Coursera has confirmed the identity of the individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.





上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY

Apr 24, 2023

**SUPRAKASH ROY**

has successfully completed

**Training and Practicing in English Public Speaking**

an online non-credit course authorized by Shanghai Jiao Tong University and offered through Coursera.

*Alice Zhang*

Training and Practicing in English Public Speaking

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/M8MfX8Yb355B>

Coursera has confirmed the identity of the individual and their participation in the course.



Certificate no: UC-a8275fad-0254-41d4-af77-10978b3150b5

Certificate url: [ude.my/UC-a8275fad-0254-41d4-af77-10978b3150b5](https://ude.my/UC-a8275fad-0254-41d4-af77-10978b3150b5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours

Instructors **Passive Income Gen Z**

## Suprakash Roy

Date **8 May 2023**

Length **23 total hours**



Certificate no: UC-7ea62d41-6a20-4925-889c-2a2d703d71c3  
Certificate url: udemy/UC-7ea62d41-6a20-4925-889c-2a2d703d71c3  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# MariaDB Basics

Instructors: Learn Tech Plus

**Suprakash Roy**

Date: 8 Jun 2022

Length: 14 total hour



# Georgia Institute of Technology

Apr 28, 2022

**Suprakash Roy**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/8PNDPMOMU92H>

Coursera has certified the identity of this individual and their participation in the course.



Jan 21, 2022

Suprakash Roy

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', with a long horizontal line extending to the right.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/ACPE2A08M73E>

Coursera has verified the identity of this individual and their participation in the course.





11th Jul, 2023

**Suprakash Roy**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BUHL0SPx44E>

Coursera has confirmed the identity of this individual and their participation in the course.

# Yale

May 4, 2023

**SUPRAKASH ROY**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamin  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/HLSB7F648N012](https://coursera.org/verify/HLSB7F648N012)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This participant has successfully completed the Science of Well-Being with honors, online, non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



Certificate ID: UC-3889275-819a-4791-8928-948578491028  
Certificate of completion UC-3889275-819a-4791-8928-948578491028  
Release Number: 2024

CERTIFICATE OF COMPLETION

# Open AI's Generative Pre-trained Transformer 3 (GPT3)

Instructors: Avinash A

**Souradip Datta**

Date: May 14, 2023

Length: 8 total hours



Certificate ID: UC-00000000-0000-0000-0000-000000000000  
Certificate URL: [udemy/certificate/00000000-0000-0000-0000-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructor: Will Perez

**Souradip Datta**

Date: May 14, 2023

Length: 16.5 total hours



Certificate No. UC-8282238-8581-4142-8228-28228228  
Certificate URL: [udemy.com/certificate/UC-8282238-8581-4142-8228-28228228](#)  
Expiry Date: 2028

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors: **Daniel Pinheiro Maia**

## **Souradip Datta**

Date: **May 14, 2023**

Length: **11 total hours**





Certificate ID: 6400000-4046-4880-4448-000000000000  
Certificate URL: <https://www.udemy.com/certificate/UC-6400000-4046-4880-4448-000000000000>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors: Dekker Fraser, MBA, Jyoti Galasmo

**Souradip Datta**

Date: May 14, 2023

Length: 26.5 total hours



Certificate ID: UC-4716204-Date: 15/05/2023  
Certificate of Completion UC-4716204-Date: 15/05/2023  
Enrollment ID: 1001

CERTIFICATE OF COMPLETION

# SaaS Marketing: SaaS Startup Lead Generation Lean Startup

Instructors: Dekker Fraser, MBA

**Souradip Datta**

Date: May 14, 2023

Length: 13.5 total hours

# Yale

May 26, 2022

## Sandeep Mondal

has successfully completed

### Moralities of Everyday Life

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/HCO78XVF8KVE>

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523702695

To  
SANDEEP MONDAL  
2 BM SAHA ROAD  
NANDANKANAN, HINDMOTOR, HOOGHLY  
KOLKATA  
WEST BENGAL - 712233  
PH. NO. : 917903576997



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SANDEEP MONDAL**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **58** %

Online Assignments	19.16/25	Programming Exam	18.75/25	Proctored Exam	20.22/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





# Georgia Institute of Technology

Dec 26, 2021

**Sandeep Mondal**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TVGGPC47K06>

Coursera has verified the identity of this individual and their participation in the course.



MANCHESTER  
1824

The University of Manchester

May 23, 2022

**Sandeep Mondal**

has successfully completed

**Managing Responsibly: Practicing Sustainability,  
Responsibility and Ethics**

an online non-credit course authorized by University of Manchester and offered through  
Coursera

*Oliver Lasch Sally Randles* FRANK BOONS

Oliver Lasch, Dr. Sally Randles and Prof. Frank Boons  
University of Manchester

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/vXAEvNDA8G7R>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 9, 2022

Sandeep Mondal

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', with a long horizontal line extending to the right.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3A0Y4OVHPAT8>

Coursera has certified the identity of this individual and their participation in the course.



Mar 15, 2023

**Sandeep Mondal**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM Skills Network and offered through  
Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Alan Allen, PhD  
Data Science

Verify at:

<https://coursera.org/verify/ZOFTUWRS29>

Coursera has confirmed the identity of this individual and their participation in the course.



# COURSE CERTIFICATE

Dec 3, 2023

## Sandeep Mondal

has successfully completed

### A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through Coursera



Jeffrey Leach, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree, establish any relationship between this learner and JHU or other JHU affiliate, award or register this learner at JHU or other JHU affiliate or in any course offered by JHU, or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

Verify at:  
[coursera.org/verify/642397716401](https://coursera.org/verify/642397716401)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a JHU grade, course credit or degree, establish a relationship between this learner and JHU (word) or entitle this learner at JHU or in any course offered by JHU, or entitle this learner to access or use resources beyond the online courses provided by Coursera.



Certificate no: UC-7857a237-2ab1-46ed-903a-93ca21facb27

Certificate url: [ude.my/UC-7857a237-2ab1-46ed-903a-93ca21facb27](https://ude.my/UC-7857a237-2ab1-46ed-903a-93ca21facb27)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Cost Accounting and Artificial Intelligence (AI) Tools

Instructors **Srinidhi Ranganathan, Pacha Ravi**

## Sandeep Mondal

Date **14 May 2023**

Length **1 total hour**





Certificate no: UC-139beb14-c8c8-4220-a9fa-d74d52ce32a2

Certificate url: [ude.my/UC-139beb14-c8c8-4220-a9fa-d74d52ce32a2](https://ude.my/UC-139beb14-c8c8-4220-a9fa-d74d52ce32a2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **KivyMD | Develop Apps using KivyMD in Python | In Hindi**

Instructors **Vipin Sharma**

## **Sandeep Mondal**

Date **14 May 2023**

Length **5 total hours**



Jan 24, 2020

**Sandeep Mondal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BA070SR665>

Coursera has confirmed the identity of this individual and their participation in the course.

MOOCs DOCUMENTS

NAME : TANUSREE HALDER

UNIVERSITY ROLL:17600321022

2021-2022



**Udemy**

Udemy, Inc. 2200 California Street, Suite 100, San Francisco, CA 94133, USA  
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CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructor: Robert (Bob) Steele

**Tanusree Halder**

Date: May 11, 2022  
Length: 228.8 total hours



**Udemy**

Udemy, Inc. 2200 California Street, Suite 100, San Francisco, CA 94133, USA  
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CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructor: Robert (Bob) Steele

**Tanusree Halder**

Date: May 11, 2022  
Length: 22 total hours

2022-2023



अंतरिक्ष विभाग DEPARTMENT OF SPACE  
भारत सरकार GOVERNMENT OF INDIA  
भारतीय अंतरिक्ष अनुसंधान संगठन ISRO INDIAN SPACE RESEARCH ORGANISATION  
भारतीय दूर संवेदन संस्थान, देहरादून / PURAN INSTITUTE OF REMOTE SENSING, DEHRADUN



संख्या / Document No. : 20221001559403



## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE

शुभ संभाषण

**MS. TANUSREE HALDER**

की - "मशीन लर्निंग से डीप लर्निंग तक : दूर संवेदन डेटा वर्गीकरण की एक यात्रा"

के ऑनलाइन पाठ्यक्रम में भाग लेने का प्रमाण दिया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 06 जुलाई, 2022। कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट। में किया गया।

(अर्थात् 04 से 06 अगस्त तक, दूर संवेदन डेटा वर्गीकरण के उपायों की ओर।)

**THIS CERTIFICATE IS  
AWARDED TO**

**MS. TANUSREE HALDER**


ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"

THIS ONLINE COURSE WAS CONDUCTED DURING 04-07-2022 to 06-07-2022 (Total course duration was = 13 hours  
and 30 minutes)

(Covered IRS Model Centre: Awgriya Engineering & Technology College)

Date: 27-07-2022  
Place: Dehradun

  
संयोजक, विश्वविद्यालय/संस्थान  
Coordinator, University/Institution

  
निदेशक / Director  
आई.आई.आर.ए. देहरादून IRS Dehradun

001 - <https://www.isro.gov.in> The certificate can be verified using QR. <https://www.isro.gov.in>



Certificate of Completion  
Completion of course: Python And Flask Framework  
Complete Course For Beginners  
Approved January 2023

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructor: Helton Tech

**Tanusree Halder**

Date: Jan. 23, 2023

Length: 12.5 total hours



Certificate of Completion  
Completion of course: SEO Training: Complete SEO  
Course & ChatGPT SEO  
Copywriting  
Approved January 2024

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & ChatGPT SEO Copywriting

Instructor: Ing. Torasz Marowak, SEO, Facebook Ads & Digital Marketing Academy

**Tanusree Halder**

Date: May 24, 2023

Length: 36 total hours





Certificate no: UC-ff3b6ab7-b489-47db-83a4-a08708bac48f

Certificate url: [ude.my/UC-ff3b6ab7-b489-47db-83a4-a08708bac48f](https://ude.my/UC-ff3b6ab7-b489-47db-83a4-a08708bac48f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

## Debdyuti Roy Adhikary

Date **6 এপ্রিল, 2024**

Length **34 total hours**



Certificate no: UC-06de84a1-45a5-46dd-84ca-cb34f75a2c88

Certificate url: [ude.my/UC-06de84a1-45a5-46dd-84ca-cb34f75a2c88](https://ude.my/UC-06de84a1-45a5-46dd-84ca-cb34f75a2c88)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## **Debdyuti Roy Adhikary**

Date **6 এপ্রিল, 2024**

Length **11.5 total hours**



Certificate no: UC-ec9a8663-0519-4d4d-ba67-40c72b9a5137

Certificate url: [ude.my/UC-ec9a8663-0519-4d4d-ba67-40c72b9a5137](https://ude.my/UC-ec9a8663-0519-4d4d-ba67-40c72b9a5137)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Analytics 4 (GA4): Become a Web Analytics Specialist!

Instructors **Anton Voroniuk, Anton Voroniuk Support, Hanna Ivanova**

## Debdyuti Roy Adhikary

Date **6 এপ্রিল, 2024**

Length **10.5 total hours**





Certificate no: UC-016326db-18b5-47cb-9d2c-27039587592b  
Certificate url: [ude.my/UC-016326db-18b5-47cb-9d2c-27039587592b](https://ude.my/UC-016326db-18b5-47cb-9d2c-27039587592b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Game Development Masterclass

Instructors **Stefan Toshkov Zhelyazkov**

## Debdyuti Roy Adhikary

Date **6 এপ্রিল, 2024**

Length **13 total hours**



Certificate no: UC-16b38281-55dc-4c8d-aec9-ce0349c8ee0d  
Certificate url: [ude.my/UC-16b38281-55dc-4c8d-aec9-ce0349c8ee0d](https://ude.my/UC-16b38281-55dc-4c8d-aec9-ce0349c8ee0d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Debdyuti Roy Adhikary**

Date **3 ௪, 2023**

Length **81.5 total hours**





Certificate no: UC-1e20bdda-cfc9-454c-8447-c8b381b45a4f  
Certificate url: [ude.my/UC-1e20bdda-cfc9-454c-8447-c8b381b45a4f](https://ude.my/UC-1e20bdda-cfc9-454c-8447-c8b381b45a4f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Financial Accounting

Instructors **Robert (Bob) Steele**

**Debdyuti Roy Adhikary**

Date **Feb. 23, 2023**

Length **63.5 total hours**



Certificate no: UC-231728d0-e5f6-4868-8e85-b877e5846aab  
Certificate url: [ude.my/UC-231728d0-e5f6-4868-8e85-b877e5846aab](https://ude.my/UC-231728d0-e5f6-4868-8e85-b877e5846aab)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Desktop: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

**Debdyuti Roy Adhikary**

Date **9 এপ্রিল, 2024**

Length **167.5 total hours**



Certificate no: UC-22981a9d-d259-42dc-870f-4110b934469c  
Certificate url: [ude.my/UC-22981a9d-d259-42dc-870f-4110b934469c](https://ude.my/UC-22981a9d-d259-42dc-870f-4110b934469c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Ankan chakraborty**

Date **May 30, 2023**

Length **81.5 total hours**



Certificate for UC-BALTIMORE-PLU-489-464-064320487  
Certificate of completion for UC-BALTIMORE-PLU-489-464-064320487  
Reference Number: 004

**CERTIFICATE OF COMPLETION**

# **Governmental Accounting 100**

Instructors: **Robert (Bob) Steele**

**Suman Saha**

Date: **May 14, 2022**

Length: **18 total hours**



Certificate no. UC-20220514-0401-4276-8669-6667042668  
Certificate URL: <https://www.udacity.com/certificate/UC-20220514-0401-4276-8669-6667042668>  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Suman Saha**

Date: May 14, 2022

Length: 64 total hours





Digital Skills Hub  
Certificate of Completion  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Video Production, YouTube Marketing, & Video Marketing Guide

Instructors: Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Suman Saha**

Date: June 6, 2022

Length: 17 total hours



Certificate no: UC-6778291-6916-A636-6006-06448278946  
Certificate url: udacity/UC-6778291-6916-A636-6006-06448278946  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# Personal Finance #1 Goals, Planning, & Time Value of Money

Instructors: **Robert (Bob) Steele**

**Suman Saha**

Date: **May 17, 2022**

Length: **22 total hours**



Certificate no: UC-8102428-4922-4824-4a32-00aaw01a278  
Certificate url: [www.udemy.com/certificate/UC-8102428-4922-4824-4a32-00aaw01a278](https://www.udemy.com/certificate/UC-8102428-4922-4824-4a32-00aaw01a278)  
Reference Number: 0028

CERTIFICATE OF COMPLETION

# Corporate Finance #8 Time Value of Money (PV & FV)

Instructors: Robert (Bob) Steele

**Suman Saha**

Date: May 17, 2022  
Length: 20 total hours



May 31, 2022

**SUMAN SAHA**

has successfully completed

**Share Data Through the Art of Visualization**

an online non-credit course authorized by Google and offered through Coursera.

Amanda Proby  
Global Director of Google Coursera Partnerships

**COURSE  
CERTIFICATE**



Verify ID:

<https://coursera.org/verify/808bCW82CE3>

Coursera has confirmed the identity of this individual and their participation in the course.



May 31, 2022

**SUMAN SAHA**

has successfully completed

**Process Data from Dirty to Clean**

an online course by Google and offered through Coursera

Amanda Bragby  
Global Director of Google Course Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CSD2022AUN699>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate ID: UC-4516233-629-4548-4223-4227246412  
Certificate of Completion UC-4516233-629-4548-4223-4227246412  
Reference Number: 0001

CERTIFICATE OF COMPLETION

# Real time Automation+Manual Interview Questions with Answers

Instructor: Jalkikhan Mohanty

**Suman Saha**

Date: Feb. 3, 2023

Length: 8.5 total hours



Certificate by UC-Artificial Intelligence-403-906-3263.2023  
Certificate of udemy/UC-Artificial Intelligence-403-906-3263.2023  
Reference Number: 0004

**CERTIFICATE OF COMPLETION**

# **Artificial Intelligence in Digital Marketing + Live Class**

Instructors: Srinidhi Ranganathan, First Look Digital Marketing Solutions

**Suman Saha**

Date: Feb. 7, 2023

Length: 12 total hours



Certificate no UC-ucf85e2f-03d4-4704-w019-02f0a3d3f6d  
Certificate of udemy/UC-ucf85e2f-03d4-4704-w019-02f0a3d3f6d  
Reference Number: 0001

CERTIFICATE OF COMPLETION

# QuickBooks Online (QBO) Bookkeeping With Bank Feeds 2022

Instructors: Robert (Bob) Steele

**Suman Saha**

Date: Feb. 7, 2023

Length: 20.5 total hours



Certificate no: UC-79e2027f-05ee-4446-b483-8ee48079e024  
Certificate url: <https://www.udemy.com/certificate/UC-79e2027f-05ee-4446-b483-8ee48079e024/>  
Issued on: 02/04/2024

CERTIFICATE OF COMPLETION

# The Complete Writing Course: Develop True Writing Mastery

Instructors: TJ Walker, Derek Smith, Media Training Worldwide Digital

**Suman Saha**

Date: April 2, 2023

Length: 16 total hours



Certificate no: UC-cec1b64f-978e-4617-a30b-8c4c88295741

Certificate url: [ude.my/UC-cec1b64f-978e-4617-a30b-8c4c88295741](https://udemy.com/certificate/UC-cec1b64f-978e-4617-a30b-8c4c88295741)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023-Master in Web Designing Skill

Instructors **Faisal Zamir, Jafri Code**

**Atanu Nandi**

Date **Feb. 27, 2023**

Length **27 total hours**





Certificate no: UC-3cec535b-c2b8-49b4-bc63-07ac2afffe2f  
Certificate url: [ude.my/UC-3cec535b-c2b8-49b4-bc63-07ac2afffe2f](https://ude.my/UC-3cec535b-c2b8-49b4-bc63-07ac2afffe2f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Amazon FBA learning With Dragons ECommerce

Instructors **Ali Haider**

## Atanu Nandi

Date **March 13, 2023**

Length **8 total hours**



Certificate no: UC-a2a24eb4-e973-41df-8bde-bae194998fb2

Certificate url: [ude.my/UC-a2a24eb4-e973-41df-8bde-bae194998fb2](https://udemy.com/certificate/UC-a2a24eb4-e973-41df-8bde-bae194998fb2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Selenium WebDriver Java: Basics to Architect Bootcamp 2024

Instructors **Cloud99 Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Atanu Nandi

Date **Feb. 7, 2024**

Length **64 total hours**



Certificate no: UC-b453539e-eff6-476d-86b5-a6a778c9da9b

Certificate url: [ude.my/UC-b453539e-eff6-476d-86b5-a6a778c9da9b](https://udemy.com/UC-b453539e-eff6-476d-86b5-a6a778c9da9b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

**Atanu Nandi**

Date **Feb. 24, 2023**

Length **33 total hours**





Certificate no: UC-f6afe00a-3436-4d95-83f1-a2a5a5db9e93

Certificate url: [ude.my/UC-f6afe00a-3436-4d95-83f1-a2a5a5db9e93](https://ude.my/UC-f6afe00a-3436-4d95-83f1-a2a5a5db9e93)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Hiranmoy Mallick

Date **May 10, 2022**

Length **9.5 total hours**



Certificate no: UC-d15a1e4f-622a-4c71-ab76-8a4eac48131c

Certificate url: [ude.my/UC-d15a1e4f-622a-4c71-ab76-8a4eac48131c](https://ude.my/UC-d15a1e4f-622a-4c71-ab76-8a4eac48131c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

## Hiranmoy Mallick

Date **Feb. 8, 2023**

Length **22 total hours**





Certificate no: UC-377b8464-cfdf-4016-bdc1-d616c3fe3dc6  
Certificate url: [ude.my/UC-377b8464-cfdf-4016-bdc1-d616c3fe3dc6](https://ude.my/UC-377b8464-cfdf-4016-bdc1-d616c3fe3dc6)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Hiranmoy Mallick

Date **May 8, 2022**

Length **12 total hours**



Certificate no: UC-17897e7b-1d15-491d-bfa6-696c35e7a05f

Certificate url: [ude.my/UC-17897e7b-1d15-491d-bfa6-696c35e7a05f](https://ude.my/UC-17897e7b-1d15-491d-bfa6-696c35e7a05f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors **Andrii Piatakha, Learn IT University**

## Hiranmoy Mallick

Date **May 7, 2022**

Length **29.5 total hours**



Certificate no: UC-3839ff5e-84aa-40db-af01-596fedea40c5  
Certificate url: [ude.my/UC-3839ff5e-84aa-40db-af01-596fedea40c5](https://ude.my/UC-3839ff5e-84aa-40db-af01-596fedea40c5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Red Teaming | Exploit Development with Assembly and C | MSAC+

Instructors **OCSALY Academy | 340.000+ Students - Ethical Hacking**

## Hiranmoy Mallick

Date **May 4, 2024**

Length **17.5 total hours**





Certificate no: UC-e96603c7-dec9-420c-baaf-0099c99bd9da  
Certificate url: [ude.my/UC-e96603c7-dec9-420c-baaf-0099c99bd9da](https://ude.my/UC-e96603c7-dec9-420c-baaf-0099c99bd9da)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Hiranmoy Mallick

Date **May 4, 2024**

Length **21 total hours**



Certificate no: UC-6b15ed26-8798-4d8d-ada5-8ab07e155fdc  
Certificate url: [ude.my/UC-6b15ed26-8798-4d8d-ada5-8ab07e155fdc](https://ude.my/UC-6b15ed26-8798-4d8d-ada5-8ab07e155fdc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Hiranmoy Mallick

Date **May 3, 2024**

Length **34 total hours**





Certificate no: UC-88c6f416-f12b-47c9-bddd-b7d147f80a4e  
Certificate url: [ude.my/UC-88c6f416-f12b-47c9-bddd-b7d147f80a4e](https://ude.my/UC-88c6f416-f12b-47c9-bddd-b7d147f80a4e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop 2023, 2022, & 2021

Instructors **Robert (Bob) Steele**

## Hiranmoy Mallick

Date **Feb. 8, 2023**

Length **167.5 total hours**



Certificate no: UC-de9dd547-6403-4bcb-8146-cd1cf2ca31a2

Certificate url: [ude.my/UC-de9dd547-6403-4bcb-8146-cd1cf2ca31a2](https://ude.my/UC-de9dd547-6403-4bcb-8146-cd1cf2ca31a2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Illustrator Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Hiranmoy Mallick

Date **Feb. 8, 2023**

Length **18 total hours**





Certificate ID: 2023041023-0000-0000-0000-000000000000  
Certificate issued by Udemy on 10 April 2023 at 10:23 AM  
Reference Number: 2023

CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Srinidhi Ranganathan, Saranya S

**Sanglap Das**

Date: April 10, 2023  
Length: 22 total hours



CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**Sanglap Das**

Date: April 13, 2023

Length: 8 total hours





Udemy Inc. 220 Vesey Street, Suite 400, San Francisco, CA 94133-8431  
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Issued on: 2023-04-29

CERTIFICATE OF COMPLETION

# Digital Forensics Masterclass | Forensic Science 2023 DFMC+™

Instructors: OCSALY Academy | 190,000+ Students

## Sanglap Das

Date: April 29, 2023

Length: 13.5 total hours



Certificate no: UC-82c6b77e-406a-4102-b1ac-0e8e42339853

Certificate url: [ude.my/UC-82c6b77e-406a-4102-b1ac-0e8e42339853](https://ude.my/UC-82c6b77e-406a-4102-b1ac-0e8e42339853)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Counselling and Negotiation Skills for Management

Instructors **Dr. Swati Chakraborty**

## Shubham Shaw

Date **May 13, 2023**

Length **8.5 total hours**



Certificate no: UC-5197af2e-64b5-454e-a6e0-b52ce8109e9c  
Certificate url: [ude.my/UC-5197af2e-64b5-454e-a6e0-b52ce8109e9c](https://ude.my/UC-5197af2e-64b5-454e-a6e0-b52ce8109e9c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Shubham Shaw

Date **May 6, 2023**

Length **22 total hours**



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHUBHAM SHAW**

for successfully completing the course

## Problem Solving Through Programming in C

with a consolidated score of **73** %

Online Assignments	24.94/25	Programming Assignment	25/25	Proctored Exam	23/50
--------------------	----------	------------------------	-------	----------------	-------

Total number of candidates certified in this course: **2015**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS101S43271380

To validate the certificate



No. of credits recommended: 3 or 4

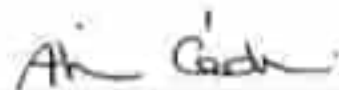
May 23, 2021

**Shubham Shaw**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Management, and Policy

Verify at:

<https://coursera.org/verify/63C240UGHME>

Coursera has certified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 25, 2022

**Shubham Shaw**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/3U8MZ3LEW6JL](https://coursera.org/verify/3U8MZ3LEW6JL)

Coursera has certified the identity of this individual and their participation in the course.

Roll No: NPTEL22MG54S23703156

To  
SHUBHAM SHAW  
37 B.B.C ROAD  
DUM DUM NEAR TULIP NURSING HOME  
KOLKATA  
WEST BENGAL - 700028  
PH. NO :7448122038



Score	Type of Certificate
$\geq 80$	Elite+Gold
75-80	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHUBHAM SHAW**

for successfully completing the course

## Ethics In Engineering Practice

with a consolidated score of **55** %

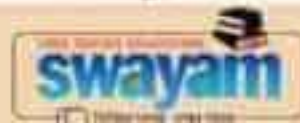
Online Assignments	20/25	Proctored Exam	34.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 2047

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Feb-Apr 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31513701706

To  
SHUBHAM SHAW  
37 K.B.C ROAD  
DUM DUM NEAR TULIP NURSING HOME  
KOLKATA,  
WEST BENGAL - 700028  
PH. NO : 7449822039



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHUBHAM SHAW**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **84** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	34.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 7438

*Devendra Jaihal*

Prof. Devendra Jaihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Certificate no: UC-b50d91fc-1242-47f6-a0a9-861d6e551988

Certificate url: [ude.my/UC-b50d91fc-1242-47f6-a0a9-861d6e551988](https://ude.my/UC-b50d91fc-1242-47f6-a0a9-861d6e551988)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Shubham Shaw

Date **May 13, 2023**

Length **9.5 total hours**





# Georgia Institute of Technology

Jan 4, 2023

**Subham Bera**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/VZGTR-CXG3F8x>

Coursera has verified the identity of this individual and their participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

May 30, 2022

**Subham Bera**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yulia Lomala, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4P5YraGUMWV/>

Coursera has confirmed the identity of the individual and their  
participation in the course.



UNIVERSITY OF  
ALBERTA

Jan 5, 2023

Subham Bera

has successfully completed

Problem Solving, Python Programming, and Video Games

an online non-credit course authorized by University of Alberta and offered through Coursera

COURSE  
CERTIFICATE



Professor of Computing Science

Professor of Computing Science

Verify at:

<https://coursera.org/verify/GA7v88HLM052>

Coursera has confirmed the identity of this individual and their participation in the course.

May 9, 2023

**Subham Bera**

has successfully completed

**Digital Systems: From Logic Gates to Processors**

an online non-credit course authorized by Universitat Autònoma de Barcelona and  
offered through Coursera

Profesor Clara Valderrama, Escuela de Ingeniería (IA2); Profesor Jean Pierre Deschamps, Profesor Invitado en la  
División de Ingeniería (Vigil) de la UAB; Societat de Microelectrònica de Barcelona (SEM); Martí Mallén, Dept. de  
Microelectrònica y Sistemes Digitals (UAB); Joaquín Luis Álvarez, Ingeniería Informàtica (UAB); David Deiana,  
Escuela de Ingeniería, Matemàtica y Telecomunicación (UOC); Juan Antonio Martínez, Responsable de la Unidad de  
Formación (AF1)

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/MCG7DEMay72](https://coursera.org/verify/MCG7DEMay72)

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-c45bfba2-1a5b-45ff-9c7e-955853f04084  
Certificate url: [ude.my/UC-c45bfba2-1a5b-45ff-9c7e-955853f04084](https://ude.my/UC-c45bfba2-1a5b-45ff-9c7e-955853f04084)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Subham Bera**

Date **May 11, 2023**

Length **11 total hours**

# UC San Diego



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY

April, 2023

## Subham Bera

has successfully completed

### Data Structures

an online non-credit course authorized by University of California San Diego and offered through Coursera.

Alexander S. Kulikov, Visiting Professor; Michael Levin, Associate Professor; Neil Rhodes, Adjunct Faculty; Daniel M. Kane, Assistant Professor, Computer Science and Engineering at the University of California, San Diego

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/812814EB7002>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-e44339a6-0803-40e8-b602-42f4947b6bc9

Certificate url: [ude.my/UC-e44339a6-0803-40e8-b602-42f4947b6bc9](https://ude.my/UC-e44339a6-0803-40e8-b602-42f4947b6bc9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors **YouAccel Training**

**Subham Bera**

Date **May 10, 2023**

Length **18 total hours**



Certificate no: UC-86452d8a-2a8a-4a86-9029-6a3c0a50a128  
Certificate url: [ude.my/UC-86452d8a-2a8a-4a86-9029-6a3c0a50a128](https://ude.my/UC-86452d8a-2a8a-4a86-9029-6a3c0a50a128)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX | Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 200,000+ Students

## Subham Bera

Date **May 12, 2023**

Length **12 total hours**

**Year 3 : 2020-21**

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year
Programming for Everybody	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2021-22
A Life of Happiness and Fulfillment	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2021-22
The Joy of Computing using Python	<a href="https://archive.nptel.ac.in/">https://archive.nptel.ac.in/</a>	2021-22
Teamwork Skills: Communication and Collaboration	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2021-22
Write Professional Emails in English	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2021-22
Managing Responsibility: Practical Skills	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2021-22

**Year 4 : 2021-22**

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year
Understanding the Brain: The Biology of the Mind	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2022-23
Game Theory	<a href="https://www.coursera.org/">https://www.coursera.org/</a>	2022-23

**Year 5 : 2022-23**

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year
Complete English Grammar	<a href="https://udemy-certificate.s3.amazonaws.com/">https://udemy-certificate.s3.amazonaws.com/</a>	2023-24
PHP Laravel 2024 Build Coffee Shop	<a href="https://udemy-certificate.s3.amazonaws.com/">https://udemy-certificate.s3.amazonaws.com/</a>	2023-24
HTML5, Python, Flask Framework	<a href="https://udemy-certificate.s3.amazonaws.com/">https://udemy-certificate.s3.amazonaws.com/</a>	2023-24





This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S23650555

To  
VIVEK MANDAL  
HOLDING NO. 25/1/4,R N T P ROAD  
SHYAMNAGAR, WEST BENGAL  
SHYAMNAGAR  
WEST BENGAL - 743127  
PH. NO :6290621132



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VIVEK MANDAL**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **82** %



Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	31.92/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







Certificate no: UC-4db774c8-8399-4966-9366-3e200b42f150

Certificate url: [uda.my/UC-4db774c8-8399-4966-9366-3e200b42f150](https://uda.my/UC-4db774c8-8399-4966-9366-3e200b42f150)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Vivek Mandal**

Date **May 10, 2023**

Length **11 total hours**

नामांकन सं. / Enrolment No. : 20221001557112

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. VIVEK MANDAL**

को " मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. VIVEK MANDAL**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

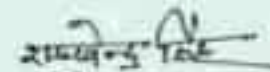
Date: 20-07-2022

Place: Dehradun

UID: a57bdbdcca4b50d7bd1d3e5d7294ed21 . This Certificate can be validated using URL: <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun



नामांकन सं. / Enrolment No. : 20221011558772

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. VIVEK MANDAL**

को " वायुमंडल का उपग्रहीय सुदूर संवेदन "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 11 जुलाई, 2022 से 15 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 7 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. VIVEK MANDAL**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Satellite Remote Sensing of Atmosphere"**

THIS ONLINE COURSE WAS CONDUCTED DURING **11-07-2022 to 15-07-2022** ( Total course duration was = 7 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

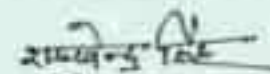
Date: 27-07-2022

Place: Dehradun

UID: fe2033ae9884cde886fc205ba477637e1 This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun



DARDEN SCHOOL  
of BUSINESS

May 23, 2021

**Vivek Mandal**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/B79PISXK68Z>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 27, 2022

Vivek Mandal

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/8TY6KTBX9KX](https://coursera.org/verify/8TY6KTBX9KX)  
Coursera has certified the identity of this individual and their participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

May 22, 2022

**Vivek Mandal**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Misra, Duncan Pritchard, Yulia Lomada, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/01SRV52182CH>

Coursera has certified the identity of this individual and their  
participation in the course.



Apr 26, 2022

**Vivek Mandal**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

Dean Simon, Elise St. Louis, Ph.D., Amy T. Bouda, Ed.D., Vice Rector, III,  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MSAL015891E>

Coursera has certified the identity of this individual and their participation in the course.



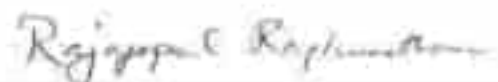
Apr 27, 2022

**Vivek Mandal**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

A handwritten signature in black ink that reads "Rajivpal Rajhansh".

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/NX8F24KS89ET>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

02-Feb-2023

Vivek Mandal

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/A6381C7A7F>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-604ec4d3-e66c-4040-9230-b93fff96d0c3  
Certificate url: [ude.my/UC-604ec4d3-e66c-4040-9230-b93fff96d0c3](https://udemy.com/certificate/UC-604ec4d3-e66c-4040-9230-b93fff96d0c3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build a Scalable Blog App using PHP & MySQL DB

Instructors **YouAccel Training**

**Vivek Mandal**

Date **May 10, 2023**

Length **11 total hours**





Certificate no: UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8

Certificate url: [ude.my/UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8](https://ude.my/UC-dab617e6-f1fd-43fd-9a91-bebc1f977cd8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Good Sleep Habits Course - Sleep Better Tonight!

Instructors **TJ Walker, Media Training Worldwide Digital**

## Vivek Mandal

Date **May 6, 2023**

Length **7 total hours**



Certificate no: UC-c0bcde79-6be6-4efd-9bab-ce54526a8072

Certificate url: [ude.my/UC-c0bcde79-6be6-4efd-9bab-ce54526a8072](https://ude.my/UC-c0bcde79-6be6-4efd-9bab-ce54526a8072)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Telecommuting Course - Remote Work - Work Life

Instructors **TJ Walker, Media Training Worldwide Digital**

**Vivek Mandal**

Date **May 6, 2023**

Length **7.5 total hours**



Certificate no: UC-29821e08-1cfe-4707-81b2-2f400723e701

Certificate url: [ude.my/UC-29821e08-1cfe-4707-81b2-2f400723e701](https://www.udemy.com/certificate/UC-29821e08-1cfe-4707-81b2-2f400723e701/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Introduction to C++ Programming

Instructors **Yassin Marco**

**Vivek Mandal**

Date **May 6, 2023**

Length **5 total hours**





Certificate no: UC-2d2c75b9-5528-4bb1-8b10-e9dc782e47b1

Certificate url: [ude.my/UC-2d2c75b9-5528-4bb1-8b10-e9dc782e47b1](https://ude.my/UC-2d2c75b9-5528-4bb1-8b10-e9dc782e47b1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## **Subhechha Bhakta**

Date **May 11, 2023**

Length **26.5 total hours**



Certificate no: UC-68a418db-34af-456d-8773-cf145d15511e

Certificate url: [ude.my/UC-68a418db-34af-456d-8773-cf145d15511e](https://ude.my/UC-68a418db-34af-456d-8773-cf145d15511e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Subhechha Bhakta

Date **May 6, 2023**

Length **47 total hours**





Certificate no: UC-f5cf85-21d1-43ab-a188-4b17ecca554c

Certificate url: [ude.my/UC-f5cf85-21d1-43ab-a188-4b17ecca554c](https://ude.my/UC-f5cf85-21d1-43ab-a188-4b17ecca554c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS Services for Solutions Architect Associate [2023]

Instructors **EdYoda Digital University, Ashish Pandey**

## Subhechha Bhakta

Date **May 10, 2023**

Length **11 total hours**



On 10/10/2017

**Sk Sakib**

has successfully completed

**Write Professional Emails in English**

issued by Georgia Institute of Technology, Georgia Institute of Technology, Georgia Institute of Technology

*Signature*  
Name:  
ID:  
Institution:

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For more information, please visit <https://www.coursera.org/certificate>



Certificate no: UC-689db8f4-25c5-4618-a2f3-aed6e94fede6

Certificate url: [ude.my/UC-689db8f4-25c5-4618-a2f3-aed6e94fede6](https://ude.my/UC-689db8f4-25c5-4618-a2f3-aed6e94fede6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 200.000+ Students

## Sk Sakib

Date **May 7, 2023**

Length **8.5 total hours**



Certificate no: UC-057195e3-f3ec-49da-bfd9-561d88b218de

Certificate url: [ude.my/UC-057195e3-f3ec-49da-bfd9-561d88b218de](https://ude.my/UC-057195e3-f3ec-49da-bfd9-561d88b218de)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Ultimate C++ Beginner Course | 2022

Instructors **Alaaeldin Mohamed**

## Sk Sakib

Date **May 7, 2023**

Length **13 total hours**





Certificate no: UC-6a8416ec-26d1-40d9-95d7-0aab511888b2

Certificate url: [ude.my/UC-6a8416ec-26d1-40d9-95d7-0aab511888b2](https://ude.my/UC-6a8416ec-26d1-40d9-95d7-0aab511888b2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

**Sk Sakib**

Date **May 7, 2023**

Length **10 total hours**





Certificate no: UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a

Certificate url: [ude.my/UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a](https://ude.my/UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Sk Sakib**

Date **May 7, 2023**

Length **9.5 total hours**

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650458

To  
SK SAKIB  
FACULTY, AMRANGA, NORTH 24 PARGANAS  
WEST BENGAL - 741126  
PH. NO. 987391212



Score	Type of Certificate
70-95	Elite+Gold
70-80	Elite+Silver
60-69	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University awards it to, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Faceted by the MoE, Govt. of India)



This certificate is awarded to

**SK SAKIB**


for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **67** %

Online Assignments	22.47/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

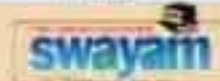
  
**Prof. Demetrius Jelilov**  
Director,  
Center for Computing Education (CCE)

Jan-Apr 2022  
(12 week course)

  
**Prof. Andrew Thompson**  
NPTEL Course  
IT Mentor



Indian Institute of Technology Madras



Roll No: NPTEL22CS31523650458

To verify and check scores: <http://npTEL.ac.in/verify>



Certificate ID: 875644 826-426-1028 842886134  
Certificate ID: 875644 826-426-1028 842886134  
Issued on: 2024

CERTIFICATE OF COMPLETION

# Complete JavaScript, XML, AJAX and React Bootcamp - Hands-On

Instructor: YouAccel Training

**Sk Sakib**

Date: May 17, 2024

Length: 12.5 total hours



Udemy Inc. 3200 15th Street, San Francisco, CA 94103  
Udemy Pvt. Ltd. 200/201, Connaught Place, New Delhi, India  
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CERTIFICATE OF COMPLETION

# C Programming - Basics to Advanced Level

Instructors: FAISAL FIRDOUS

**Sk Sakib**

Date: Jan. 26, 2024

Length: 0 total hours



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Release Number: 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors: **Robert (Bob) Steele**

**Sk Sakib**

Date: **May 12, 2023**

Length: **128 total hours**





Certificate No. UC-800704-2024-05-18-0001  
Certificate awarded by Udemy Inc. for completion of the course  
Reference Number: 12345

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructors: **Robert (Bob) Steele**

**Sk Sakib**

Date: **May 18, 2024**

Length: **234 total hours**



Certificate no: UC-77eacae0-b1d3-4905-b90c-83727c52c94a

Certificate url: [ude.my/UC-77eacae0-b1d3-4905-b90c-83727c52c94a](https://ude.my/UC-77eacae0-b1d3-4905-b90c-83727c52c94a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SAT Digital English Prep Course | Reading, Writing, Language

Instructors **Nadeem Arain**

## Rishi Chakraborty

Date **May 4, 2024**

Length **26 total hours**



Certificate no: UC-c778631c-148e-4fc3-a083-13203d593740

Certificate url: [ude.my/UC-c778631c-148e-4fc3-a083-13203d593740](https://ude.my/UC-c778631c-148e-4fc3-a083-13203d593740)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Rishi Chakraborty

Date **May 4, 2024**

Length **11.5 total hours**



Certificate no: UC-340d6b2b-b5c4-4b6a-9cc2-ade3716322c5

Certificate url: [ude.my/UC-340d6b2b-b5c4-4b6a-9cc2-ade3716322c5](https://ude.my/UC-340d6b2b-b5c4-4b6a-9cc2-ade3716322c5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

## Ankit Chaudhuri

Date **May 17, 2023**

Length **12.5 total hours**





Certificate no: UC-1a25eea7-9c60-463c-8de8-ae7fa3a1d192

Certificate url: [ude.my/UC-1a25eea7-9c60-463c-8de8-ae7fa3a1d192](https://ude.my/UC-1a25eea7-9c60-463c-8de8-ae7fa3a1d192)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English Speaking Complete: English Language Mastery

Instructors **David Morris**

## **Ankit Chaudhuri**

Date **May 10, 2023**

Length **52 total hours**





Certificate no: UC-2898eab3-be68-4585-a5a6-721052a4ad3c  
Certificate url: [ude.my/UC-2898eab3-be68-4585-a5a6-721052a4ad3c](https://udemy.com/certificate/UC-2898eab3-be68-4585-a5a6-721052a4ad3c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Ankit Chaudhuri

Date **May 11, 2023**

Length **11 total hours**



Certificate no: UC-108841e6-47b8-488e-9b09-82c68d02662f

Certificate url: [uda.my/UC-108841e6-47b8-488e-9b09-82c68d02662f](https://uda.my/UC-108841e6-47b8-488e-9b09-82c68d02662f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

## Ankit Chaudhuri

Date **May 10, 2023**

Length **8 total hours**



Certificate no: UC-d5643de3-c881-4685-8e0e-622538dfad94  
Certificate url: [ude.my/UC-d5643de3-c881-4685-8e0e-622538dfad94](https://ude.my/UC-d5643de3-c881-4685-8e0e-622538dfad94)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Ankit Chaudhuri

Date **May 10, 2023**

Length **12 total hours**



Certificate no: UC-d3e18ef5-68af-4eb6-90d7-d1febd1d3783  
Certificate url: [ude.my/UC-d3e18ef5-68af-4eb6-90d7-d1febd1d3783](https://ude.my/UC-d3e18ef5-68af-4eb6-90d7-d1febd1d3783)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Manisha Saha**

Date **May 3, 2024**

Length **40 total hours**





Certificate no: UC-892aef4e-a05a-454a-849a-77d8be7a2356

Certificate url: [ude.my/UC-892aef4e-a05a-454a-849a-77d8be7a2356](https://ude.my/UC-892aef4e-a05a-454a-849a-77d8be7a2356)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Ads, Google Analytics 4, Google Search Console, & AI

Instructors **Ing. Tomas Moravek**

**Manisha Saha**

Date **May 3, 2024**

Length **10 total hours**





Certificate no: UC-fc8cf3a6-9dd6-42ab-b18b-ab1e2e8bf85c  
Certificate url: [ude.my/UC-fc8cf3a6-9dd6-42ab-b18b-ab1e2e8bf85c](https://ude.my/UC-fc8cf3a6-9dd6-42ab-b18b-ab1e2e8bf85c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Becoming an Agile Leader: Drive Outcomes and Bring Impact

Instructors **Masha Ostroumova**

**Manisha Saha**

Date **May 3, 2024**

Length **8 total hours**



Certificate no: UC-78d7520c-2d26-4db2-9b6c-c884d9e3d2db

Certificate url: [ude.my/UC-78d7520c-2d26-4db2-9b6c-c884d9e3d2db](https://ude.my/UC-78d7520c-2d26-4db2-9b6c-c884d9e3d2db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3 Master Course for 2022

Instructors **Learn Tech Plus**

## Manisha Saha

Date **June 5, 2022**

Length **13 total hours**



# Georgia Institute of Technology

Dec 6, 2021

**Manisha Saha**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



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Coursera has certified the identity of this individual and their participation in the course.



Jan 7, 2023

**Manisha Saha**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/0G6P6557A4>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

**Manisha Saha**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

A handwritten signature in black ink, appearing to read "Jonathan S. Haidt".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

**COURSE  
CERTIFICATE**



Verify at:

[coursera.org/verify/ESVU5WV6NKKX](https://coursera.org/verify/ESVU5WV6NKKX)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and JHU (word) or legit or this learner at JHU or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.





Jan 7, 2023

**Manisha Saha**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghahai".

Martin Ghahai, Stuart Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/V08YUDMO2SE7>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

**Manisha Saha**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', positioned above a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/DFTC-AI-WITZAW>

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Certificate no: UC-2a095686-68cc-49ca-90ce-1c533f996d8a  
Certificate url: [ude.my/UC-2a095686-68cc-49ca-90ce-1c533f996d8a](https://udemy.com/certificate/UC-2a095686-68cc-49ca-90ce-1c533f996d8a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## **Manisha Saha**

Date **May 8, 2023**

Length **8.5 total hours**



Certificate no: UC-ead145f5-55a0-422d-b064-5ae535bf0bcb

Certificate url: [ude.my/UC-ead145f5-55a0-422d-b064-5ae535bf0bcb](https://udemy.com/certificate/UC-ead145f5-55a0-422d-b064-5ae535bf0bcb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

**Manisha Saha**

Date **May 8, 2023**

Length **17 total hours**





Certificate no: UC-bfd03f9b-d396-4dd4-a79c-295d5803aacd

Certificate url: [ude.my/UC-bfd03f9b-d396-4dd4-a79c-295d5803aacd](https://ude.my/UC-bfd03f9b-d396-4dd4-a79c-295d5803aacd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha, Doron Williams**

## Manisha Saha

Date **May 8, 2023**

Length **12.5 total hours**





May 8, 2013

**MD SARFARAJ ALI**

has successfully completed

**Write Professional Emails in English**

an online two-credit course co-sourced by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "David Jordan".

David Jordan  
Professor  
GT Leadership Institute

**COURSE  
CERTIFICATE**



Identify all

<https://www.coursera.org/auditinfo/384612344>

Course & instructor names may change without additional notification of the issuer.





May 4, 2013

**MD SARFARAJ ALI**

See [enrollment](#) for completed

**Introduction to HTML5**

See [enrollment](#) for course enrollment by University of Michigan and offered through Coursera

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CERTIFICATE



*Colleen van Lent Chubb*

Colleen van Lent Chubb, Ph.D.  
Professor  
School of Education, Psychology and Health

Deborah C. Poff, Ph.D.  
Associate Professor, School of Education  
University of Michigan

Verify at  
<https://coursera.org/join/3308810479>

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UNIVERSITY OF TORONTO

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Jennifer Campbell  
Associate Vice-Chancellor  
and  
Deputy Vice-Chancellor  
Academic

Richard  
Deputy Vice-Chancellor  
and  
Deputy Vice-Chancellor  
Academic

COURSE  
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# Georgia Institute of Technology

May 9, 2023

**SOUMALLYA BANERJEE**

has successfully completed

**Fundamentals of Engineering Exam Review**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Dr. Philip Roberts | Dr. Mahan Babiar  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/V3UC9w326Q6B>

Coursera has confirmed the identity of this individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

## COURSE CERTIFICATE

May 9, 2023

# SOUMALLYA BANERJEE

has successfully completed

## Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera



Mary Gentile  
Director/Professor, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

Verify at:  
<https://coursera.org/verify/527s100WP4xvD>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-c22bc1c2-af8a-48df-b888-c76968b041ac

Certificate url: [ude.my/UC-c22bc1c2-af8a-48df-b888-c76968b041ac](https://ude.my/UC-c22bc1c2-af8a-48df-b888-c76968b041ac)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Soumallya Banerjee

Date **May 26, 2023**

Length **8 total hours**

VANDERBILT  UNIVERSITY

May 14, 2017

**Tuhin Tarafdar**

has successfully completed

**Introduction to Programming with MATLAB**

an online Vanderbilt course delivered by Vanderbilt University and offered through Coursera

**COURSE  
CERTIFICATE**



Anand Kulkarni, PhD  
Professor  
Computer Engineering, Computer Science, and  
Mechanical Engineering



Michael H. Szymanski, PhD  
Professor Emeritus  
Chemical Systems, Chemical Engineering, Electrical Engineering, Microsystems and Robotics

Verify at:

<https://coursera.org/certificates/7715094X>

Download this certificate for identity of this student and their participation in this course



**4TU** Centre for Ethics  
and Technology

01-11-2017

**Tuhin Tarafdar**

has successfully completed

**Ethics, Technology and Engineering**

an online interactive course facilitated by Eindhoven University of Technology and  
4TU Center and offered through Coursera

Tuhin Tarafdar  
Research Fellow  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certify/ET2017201701>

Download this certificate for identity of this individual and your  
participation in this course

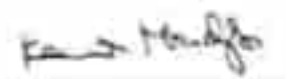


## Certificate for Completion of Introduction to Computers Training

This is to certify that **TUHIN TARAFDAR** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kousik K. Bhattacharya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India





Certificate No: UD-20230505-4676-1026-2023050504764676  
Certificate URL: <https://www.udacity.com/certificate/UD-20230505-4676-1026-2023050504764676>  
Issued on: 05/05/2023

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: Ing. Tamas Morawek, SEO, Facebook Ads & Digital Marketing Academy

**Tuhin Tarafdar**

Date: May 5, 2023

Length: 47 total hours



May 10, 2023

**SRIJA MAZUMDER**

has successfully completed

**Learning How to Learn: Powerful mental tools to help you master tough subjects**

an online non-credit course authorized by Deep Teaching Solutions and offered through Coursera

*Barbara A. Colby*     *Srija Mazumder*

Barbara Colby  
Srija Mazumder

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/MFCrEH4tBNK2>

Coursera has certified the identity of this individual and their participation in the course.



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY

Apr 27, 2023

**SRIJA MAZUMDER**

has successfully completed

**Training and Practicing in English Public Speaking**

an online non-credit course authorized by Shanghai Jiao Tong University and offered through Coursera.

*Alice Zhang*

Training and Practicing in English Public Speaking

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/010F715028VET>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

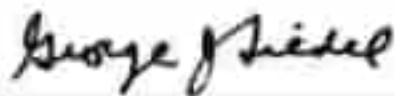
Apr 27, 2023

**SRIJA MAZUMDER**

has successfully completed

**Successful Negotiation: Essential Strategies and Skills**

an online non-credit course authorized by University of Michigan and offered through Coursera



George Siedel  
Williamson Family Professor of Business Administration  
Thomas P. Fordham Professor of Business Law  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2TABV1KV73CG>

Coursera has confirmed the identity of this individual and their participation in the course.

# Yale

Apr 27, 2023

**SRIJA MAZUMDER**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera

**COURSE  
CERTIFICATE**



A handwritten signature in black ink, appearing to read "Lewis Jamin".

Lewis Jamin  
Professor  
Psychology

Verify at:  
[coursera.org/verify/PEMSIANUP197D](https://coursera.org/verify/PEMSIANUP197D)

Coursera has confirmed the identity of this individual and their  
achievements in the course.

This participant has successfully completed the Science of Well-Being with honors online non-credit course developed by Dr. Lewis Jamin, authorized by Yale University and offered through Coursera. Please contact your  
accrediting body to see if they will award continuing credits for completion of this course. This certificate does not confer Yale University grade, credit or student status.



# **M** UNIVERSITY OF MICHIGAN

May 29, 2022

**SRIJA MAZUMDER**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/38UAE8VW4EW2>

Coursera has certified the identity of this individual and their participation in the course.



May 29, 2022

**SRIJA MAZUMDER**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/38VFM544PSH>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 17, 2022

**SRIJA MAZUMDER**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/AVQV33N67HMM2](https://coursera.org/verify/AVQV33N67HMM2)

Coursera has confirmed the identity of this individual and their participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13650195

To  
SRIJA MAZUMDER  
36, M.M.P. LANE, BHATPARA, 24 PGNS(N)  
WEST BENGAL - 743123  
PH. NO :916290850547



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SRIJA MAZUMDER**

for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **79** %

Online Assignments	24.78/25	Programming Exam	25/25	Proctored Exam	29.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





Certificate ID: UC-14633254-6418-4783-6418-71960340300  
Certificate URL: [www.udacity.com/certificate/UC-14633254-6418-4783-6418-71960340300](https://www.udacity.com/certificate/UC-14633254-6418-4783-6418-71960340300)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Elementor & WordPress, for Startups & Freelancers

Instructors **Nathan Minns**

**Sreetama Mitra**

Date **June 2, 2022**

Length **9.5 total hours**





Certificate ID: UC-Dc7275ac-af43-4ab0-9818-0084c0834836  
Certificate URL: <https://www.udemy.com/certificate/UC-Dc7275ac-af43-4ab0-9818-0084c0834836>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning**, **Linguae Teaching Assistant**

**Sreetama Mitra**

Date **May 31, 2022**

Length **45 total hours**



Certificate no: UC-52793e01-646e-4430-b060-81e0924d7034  
Certificate url: [www.udacity.com/UC-52793e01-646e-4430-b060-81e0924d7034](https://www.udacity.com/UC-52793e01-646e-4430-b060-81e0924d7034)  
Reference Number: 0034

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Sreetama Mitra**

Date **June 2, 2022**

Length **12 total hours**



Certificate no: UC-02256a80-9541-4aa4-b836-875c01e20961  
Certificate url: udemy/c/c-02256a80-9541-4aa4-b836-875c01e20961  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# A Complete Masterclass of Virtualization from scratch

Instructors **Ankush Choudhary**

**Sreetama Mitra**

Date **May 31, 2022**

Length **9 total hours**



Certificate no: UC-76e64211-791f-421e-bd81-506af745b766

Certificate url: [ude.my/UC-76e64211-791f-421e-bd81-506af745b766](https://ude.my/UC-76e64211-791f-421e-bd81-506af745b766)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Sreetama Mitra**

Date **May 9, 2023**

Length **128 total hours**



Certificate no: UC-544265d8-82de-423a-a143-202270d40043  
Certificate url: <https://uc-544265d8-82de-423a-a143-202270d40043>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

**Sreetama Mitra**

Date **May 31, 2022**

Length **10 total hour**





May 5, 2024

**Sreetama Mitra**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Ng', written over a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/FZ3TDANM6C9>

Coursera has certified the identity of this individual and their participation in the course.



**MACQUARIE**  
University  
SYDNEY · AUSTRALIA

May 5, 2024

**Sreetama Mitra**

has successfully completed

**Data Visualization in Excel**

an online non-credit course authorized by Macquarie University and offered through  
Coursera

Wiley Bull  
Event Consultant  
Macquarie Business School

Dr Prashant K. Karanadna, DPhD  
Senior Lecturer - Teaching & Leadership  
Department of Applied Studies and Business Analytics,  
Macquarie Business School

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BCCE787AG70FA>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-a89bf625-2721-40fc-b863-04ddf6787ffd

Certificate url: [ude.my/UC-a89bf625-2721-40fc-b863-04ddf6787ffd](https://udemy.com/certificate/UC-a89bf625-2721-40fc-b863-04ddf6787ffd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructors **Robert (Bob) Steele**

**Sreetama Mitra**

Date **May 19, 2024**

Length **17.5 total hours**



# Georgia Institute of Technology

Dec 27, 2022

**Moumita Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/XKGG88GANNRDS>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 3, 2022

**Moumita Das**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DSYE201A26A1>

Coursera has confirmed the identity of this individual and their participation in the course.





## COURSE CERTIFICATE

May 23, 2021

# Moumita Das

has successfully completed

## Psychological First Aid

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Assistant Professor  
Department of International Health  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/HAYVTHHCRAD06](https://coursera.org/verify/HAYVTHHCRAD06)

Coursera has certified the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and PhD (word) or  
right or title (word) at JHU or in any course offered by JHU, or entitle this learner to access or use resources beyond the online courses provided by Coursera.



May 23, 2021

**Moumita Das**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/D-5TH5J-FIT9BU>

Coursera has certified the identity of this individual and their participation in the course.



May 23, 2021

**Moumita Das**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', written over a horizontal line.

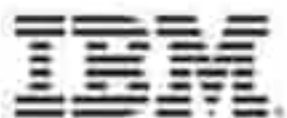
Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/ARTWHD54Q67r>

Coursera has certified the identity of this individual and their participation in the course.



May 6, 2007

**Moumita Das**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terr Puckett*

Terr Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7129H201T1EE>

Coursera has certified the identity of this individual and their participation in the course.



May 8, 2009

**Moumita Das**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line with four handwritten signatures in black ink above it.

Susan H. Rodden, Devin J. Storch, Andrew D. Wilson, Robert Duvall

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/73413v2HX5B87>

Coursera has verified the identity of this individual and their participation in the course.



# CALARTS

May 8, 2007

Moumita Das

has successfully completed

Plan a Successful Freelancing Business

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

Tatiana Mulry  
Faculty  
Extended Studies

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UGSH7DU/A4C8B>

Coursera has certified the identity of this individual and their participation in the course.



May 9, 2007

**Moumita Das**

has successfully completed

**Foundations of User Experience (UX) Design**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/32Hh852RG926>

Coursera has confirmed the identity of this individual and their participation in the course.



May 2, 2022

**Moumita Das**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/PASW58F0100>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-6f64a158-6c74-49b3-a37f-7a220d102867

Certificate url: [ude.my/UC-6f64a158-6c74-49b3-a37f-7a220d102867](https://udemy.com/certificate/UC-6f64a158-6c74-49b3-a37f-7a220d102867)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors **Horizon Tech**

**Moumita Das**

Date **May 11, 2024**

Length **18.5 total hours**



Certificate no: UC-bf38418d-05bd-465a-b556-37d4d512945e

Certificate url: [udemy.com/UC-bf38418d-05bd-465a-b556-37d4d512945e](https://udemy.com/UC-bf38418d-05bd-465a-b556-37d4d512945e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Ads, Google Analytics 4, Google Search Console, & AI

Instructors **Ing. Tomas Moravek**

**Moumita Das**

Date **May 3, 2024**

Length **10 total hours**





Certificate no: UC-6716950c-9e7b-439e-8305-fb991840e515  
Certificate url: [ude.my/UC-6716950c-9e7b-439e-8305-fb991840e515](https://ude.my/UC-6716950c-9e7b-439e-8305-fb991840e515)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

**Moumita Das**

Date **May 3, 2024**

Length **8.5 total hours**





Certificate ID: UC-202405-2024-4888-8434-000000000000  
Certificate URL: [https://www.udacity.com/certificate/UC-202405-2024-4888-8434-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# 50 Days of DSA PYTHON Data Structures & Algorithms LEETCODE

Instructors: Jackson Kallath

**Anushka Dey**

Date: May 7, 2024

Length: 48 total hours



May 22, 2014

**Anushka Dey**

has successfully completed

**A Life of Happiness and Fulfillment**

an online personal finance course facilitated by Indian School of Business and offered through Coursera

*Rajivpal Rajivpal*

Deputy Professor, ISB  
Indian School of Business  
Gurgaon, India

**COURSE  
CERTIFICATE**



Verify at:

<http://coursera.org/verify/018131744886>

Coursera has confirmed the identity of this individual and their participation in this course



Certificate ID: UC-9802876-0701000-000-000000000000  
Certificate URL: [https://www.udemy.com/certificate/UC-9802876-0701000-000-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# 2024 C Programming Bootcamp - The Complete C Language Course

Instructors: Surendra Varma Pericherla

**Anushka Dey**

Date: May 7, 2024

Length: 12 total hours





Certificate ID: UC-8587648-286-4221-4424-842865424  
Certificate of completion for course ID UC-8587648-286-4221-4424-842865424  
Issued on May 7, 2024

CERTIFICATE OF COMPLETION

# Graphic Design Masterclass: Master Illustrator & Photoshop

Instructors: James Joab Soren, Hudson Dynamic Lab

**Anushka Dey**

Date: May 7, 2024

Length: 8 total hours



Certificate no. UC-EDU2024-Med-Acc-02ad-0804A0007  
Certificate url: udemy/UC-EDU2024-Med-Acc-02ad-0804A0007  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML, CSS, JavaScript, React - Online Certification Course

Instructors: **YouAccel Training, Blue Digital Media**

**Disha Sen**

Date: **May 10, 2024**

Length: **10 total hours**





Certificate ID: UC-F232270-074-423-0270-049304477  
Certificate URL: <https://www.udacity.com/certificate/UC-F232270-074-423-0270-049304477>  
Reference Number: 1026

CERTIFICATE OF COMPLETION

# Red Teaming | Exploit Development with Assembly and C |MSAC+

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Disha Sen**

Date: May 6, 2024

Length: 17.5 total hours



Certificate ID: ud-ud102-3400736-34885-47106-31793-02164ud10235  
Certificate ID: ud-ud102-3400736-34885-47106-31793-02164ud10235  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Reverse Engineering & Malware Analysis in 21 Hours | REMAC+

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

## Disha Sen

Date: May 6, 2024

Length: 21 total hours





Certificate No. UC-3488565-875-447-4334-04288100264  
Certificate ID: uc-3488565-875-447-4334-04288100264  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: Robert (Bob) Steele

**Disha Sen**

Date: May 13, 2022

Length: 155.5 total hours





Certificate ID: ud-19117-0726-4927-1560-1810321944  
Certificate ID: ud-19117-0726-4927-1560-1810321944  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**Disha Sen**

Date **Aug. 28, 2022**

Length **28 total hours**



Certificate of Completion  
Certificate of Completion  
Reference Number

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: Robert (Bob) Steele

**Disha Sen**

Date: May 13, 2022

Length: 155.5 total hours



March 2021

**ANUJIT PAUL**

Successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

  
Anujit Paul  
Student  
GT ID: 123456789

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/123456789>  
Additional information on sharing of this certificate is located  
at <https://coursera.org/verify/123456789>



# Yale

May 21, 2023

**ANUJIT PAUL**

Successfully completed

**The Science of Well-Being**

Successful course results online as certified by Yale University and verified through Coursera



Course Name:  
Enrolled:  
Year/Stage:

**COURSE  
CERTIFICATE**



Yale ID: 941

[www.coursera.org/certificate](https://www.coursera.org/certificate)

Yale University is an equal opportunity institution. All individuals are encouraged to apply.

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This certificate is a record of successful completion of the course 'The Science of Well-Being' and does not constitute an endorsement of the course or any other educational institution by Yale University. For more information, please visit [www.yale.edu/coursera](https://www.yale.edu/coursera).



May 31, 2013

**ANUJIT PAUL**

Successfully completed

**Programming for Everybody (Getting Started with Python)**

Available to students online, authorized by University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Charles Severack  
Lecturer, School of Engineering  
Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/0298880137>

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Certificate no: UC-4342274-4321-4342-4342-4342274-4321  
Certificate URL: <https://www.udemy.com/certificate/UC-4342274-4321-4342-4342-4342274-4321>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors: YouAccel Training

**Aditi Das**

Date: March 2, 2023

Length: 26 total hours



Certificate ID: UC-2024-02-28-1000-1000-1000000000  
Certificate URL: [https://www.udemy.com/certificate/UC-2024-02-28-1000-1000-1000000000](#)  
Release Number: 0000

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRUSVIATOBATKO**, Anshu Pratap

**Aditi Das**

Date: Feb. 28, 2023

Length: 6.5 total hours



# Google

Aditi Das

Aditi Das

Aditi Das

Crash Course on Python

Aditi Das

Google

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/certificates>  
to confirm the authenticity of this certificate and other  
personalized information.



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CERTIFICATE OF COMPLETION

# Artificial Intelligence Expert Course + Live Class

Instructors: Srividhi Ranganathan, Saranya S

**Aditi Das**

Date: April 8, 2023

Length: 32 total hours

## Certificate of Achievement

Congratulations!

**Nabannya Hazra**

for successfully completing

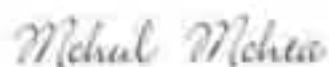
**Business Etiquette**

a course that covers:

What is Etiquette? | Basic Rules of Business Etiquette | Dress Code in Business | Cubicle Etiquette |  
Internal Etiquette | Meeting Etiquette | Courtesies at the Door and Elevator

Start Date: 19 Nov 2021

End Date: 15 Feb 2022



**Mehul Mehta**

Global Delivery Head - TCS iON,  
Tata Consultancy Services



**CERTIFIED**

Cert ID: 44714-2002678-1014  
2021-15 Feb 2022

## Certificate of Achievement

Congratulations!

**Nabannya Hazra**

for successfully completing

**Introduction to Soft Skills**

a course that covers

Objectives | Importance of Soft Skills | Acquiring Soft Skills |  
Difference between Hard and Soft Skills.

Start Date: 19 Nov 2021

End Date: 15 Feb 2022

*Mehul Mehta*

**Mehul Mehta**

Global Delivery Head - TCS iON,  
Tata Consultancy Services



**CERTIFIED**

Cert ID: 44770-2002673-1014  
2021-15 Feb 2022



May 3, 2022

**Nabannya Hazra**

has successfully completed

**Google Cloud Fundamentals for AWS Professionals**

an online non-credit course authorized by Google Cloud and offered through Coursera

*Google Cloud Training*

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/E393MA3IG7DZ>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-a46fb1ed-bc18-4910-8601-a5ef38d1ed3c  
Certificate url: [ude.my/UC-a46fb1ed-bc18-4910-8601-a5ef38d1ed3c](https://ude.my/UC-a46fb1ed-bc18-4910-8601-a5ef38d1ed3c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google BigQuery & PostgreSQL: Big Query for Data Analysis

Instructors **Start-Tech Academy**

**Nabannya Hazra**

Date **Feb. 22, 2023**

Length **11.5 total hours**



Certificate no: UC-e1c8141d-6690-4c1f-b7fe-0deb645c9235

Certificate url: [ude.my/UC-e1c8141d-6690-4c1f-b7fe-0deb645c9235](https://ude.my/UC-e1c8141d-6690-4c1f-b7fe-0deb645c9235)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2022

Instructors **Hemanth kumar**

## **Nabannya Hazra**

Date **June 6, 2022**

Length **11 total hours**



Certificate no: UC-722e0952-da8e-4178-a71d-9dfaea05315a

Certificate url: [ude.my/UC-722e0952-da8e-4178-a71d-9dfaea05315a](https://ude.my/UC-722e0952-da8e-4178-a71d-9dfaea05315a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Domina la Programación en VBA [Automatiza Tareas en Excel]

Instructors **Juan Pablo Enriquez Ortiz**

## **Nabannya Hazra**

Date **Feb. 22, 2023**

Length **9.5 total hours**





Certificate no: UC-3366abcb-4b27-4ea8-865c-1f967a9f2159

Certificate url: [ude.my/UC-3366abcb-4b27-4ea8-865c-1f967a9f2159](https://ude.my/UC-3366abcb-4b27-4ea8-865c-1f967a9f2159)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors **Learn Tech Plus**

## Nabannya Hazra

Date **June 6, 2022**

Length **15 total hours**



Certificate no: UC-5ba22853-77de-4dcb-a15e-8fd71d70ae61

Certificate url: [ude.my/UC-5ba22853-77de-4dcb-a15e-8fd71d70ae61](https://ude.my/UC-5ba22853-77de-4dcb-a15e-8fd71d70ae61)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# EXCEL: Datos, Tablas Dinámicas, Gráficos, Funciones y Más

Instructors **Juan Pablo Enriquez Ortiz**

## **Nabannya Hazra**

Date **Feb. 22, 2023**

Length **15.5 total hours**





## Certificate of Achievement

# NABANNYA HAZRA

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

8 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Mansourian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION



## NABANNYA HAZRA

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks



## Certificate of Achievement

# Nabannya Hazra

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

Discover agricultural economics and learn how to use economics for better decision making and efficiency in agriculture.

6 weeks, 4 hours per week.



David Fennell

Professor of Agricultural and Resource Economics  
The University of Western Australia



## Nabannya Hazra

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

100%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



Certificate no: UC-576bdc1a-0956-427e-8070-49d7a742842b

Certificate url: [ude.my/UC-576bdc1a-0956-427e-8070-49d7a742842b](https://ude.my/UC-576bdc1a-0956-427e-8070-49d7a742842b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java And C++ And PHP Complete Course 2022

Instructors **Krish valley**

## **Nabannya Hazra**

Date **Feb. 22, 2023**

Length **8.5 total hours**





Certificate ID: UC-Baw8996-9446-4776-9475-43386-26-766  
Certificate URL: <https://www.udacity.com/certificate/UC-Baw8996-9446-4776-9475-43386-26-766>  
Reference Number: 10264

CERTIFICATE OF COMPLETION

# Python & Django REST API Bootcamp - Build A Python Web API

Instructors: **Hussain Mustafa**

**Anupam Baidya**

Date: **May 11, 2024**

Length: **8 total hours**



Certificate ID: UC-2024-274-6489-489-484-443024470224  
(Certificate will auto-renew) UC-2024-274-6489-489-484-443024470224  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors: **Robert (Bob) Steele**

**Anupam Baidya**

Date: **May 21, 2024**

Length: **128.5 total hours**



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logis Academy**

**Anupam Baidya**

Date: **May 12, 2024**

Length: **77 total hours**



CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Anupam Baidya**

Date: **May 11, 2024**

Length: **8 total hours**



# CERTIFICATE OF COMPLETION

Presented to

**Ayan Roy**

For successfully completing a free online course  
**Python for Data Science**

Provided by

**Great Learning Academy**

(On May 2024)





Certificate ID: UC-8626-79-834-632-676-373-7875-428  
Certificate URL: <https://www.udacity.com/certificate/UC-8626-79-834-632-676-373-7875-428>  
Reference Number: 0022

CERTIFICATE OF COMPLETION

# Easy WPF in C# Windows Presentation Foundation for Beginners

Instructor: Reshan Academy

**Rimpa Das**

Date: May 17, 2024

Length: 25.5 total hours



Certificate ID: UC-802224-476-4ac-022-307242e42  
Certificate URL: ud.ac/CE-802224-476-4ac-022-307242e42  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Analytics 4 (GA4): Become a Web Analytics Specialist!

Instructors: Anton Voronluk, Anton Voronluk Support, Hanna Ivanova

**Rimpa Das**

Date: May 17, 2024

Length: 10.5 total hours



Certificate no. UC-CERTIFICADO-0289-028-2024-4889446347  
Certificate of completion (C-CERTIFICADO-0289-028-2024-4889446347)  
Reference number: 0289

CERTIFICATE OF COMPLETION

# Business development and sales processes - a bird's eye view

Instructors: **Matthieu Bout**

**Rimpa Das**

Date: **May 17, 2024**

Length: **13 total hours**



Certificate for UC-14534225--(201-476-992)-144208171  
Certificate url: [www.udemy.com/certificate/UC-14534225--\(201-476-992\)-144208171/](https://www.udemy.com/certificate/UC-14534225--(201-476-992)-144208171/)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Personal Finance #1 Goals, Planning, & Time Value of Money

Instructors: **Robert (Bob) Steele**

**Prakriti Majumder**

Date: **May 18, 2022**

Length: **22 total hours**



Certificate ID: UC-3-302346-5077-420-udemy-udemy-udemy  
Certificate URL: <https://www.udemy.com/certificate/UC-3-302346-5077-420-udemy-udemy-udemy/>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Course 2021

Instructors: **Learn Tech Plus**

**Prakriti Majumder**

Date: **May 18, 2022**

Length: **15 total hours**







Certificate for LIC (Finance) - 4056 - 4070 (with attribution)  
Certificate for Udemy (LIC - Finance) - 4056 - 4070 (with attribution)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Personal Finance #3 - Financial Services & Bank Reconciliation

Instructors: **Robert (Bob) Steele**

**Prakriti Majumder**

Date: **May 18, 2022**

Length: **10.5 total hours**



CERTIFICATE OF COMPLETION

# 2023 - The Master in Web Development (Backend & Frontend)

Instructors: **Faisal Zamir**

**Prakriti Majumder**

Date: **Jan. 14, 2023**

Length: **39 total hours**



Certificate ID: UC-8274c35a-034e-406f-a044-6e4016827760  
Certificate URL: <https://www.udacity.com/certificate/UC-8274c35a-034e-406f-a044-6e4016827760>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023-300+ Python Exercises (Simple & Complex) with Algorithm

Instructors: Faisal Zamir, Faisal Jafri

**Prakriti Majumder**

Date: Jan. 14, 2023

Length: 28.5 total hours



Udemy Inc. 2200 Bayview Ave. Suite 1000 Toronto, ON M2W 3K2  
Certificate ID: UC-87783048-7950-2023-2306-0565042917  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS, JavaScript, React | Deploy Web Apps on the Cloud

Instructors: YouAccel Training

**Prakriti Majumder**

Date: Jan. 14, 2023

Length: 25 total hours



UC SANTA CRUZ

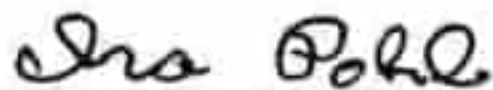
May 16, 2021

SHIBAM CHATTERJEE

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



Professor De Paul, PhD  
Squire School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WZ9/SW2V1WLE>

Coursera has confirmed the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Apr 27, 2022

**SHIBAM CHATTERJEE**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/248G66AIP36A>

Coursera has confirmed the identity of the individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 21, 2022

SHIBAM CHATTERJEE

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/581WZ1E241Fy>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 8, 2021

**Shibam Chatterjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/UMEV25FD4WJN](https://coursera.org/verify/UMEV25FD4WJN)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 7, 2022

**SHIBAM CHATTERJEE**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre Walsh, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/823XWJ30P4V9>

Coursera has verified the identity of this individual and their  
participation in the course.





# CERTIFICATE OF COMPLETION

Presented to

**SHIBAM CHATTERJEE**

For successfully completing a free online course  
C++ Programming in Hindi

Provided by

**Great Learning Academy**

(On April 2022)



Certificate no: UC-8789a93e-0cb6-4df0-825e-fe520a1db5dd

Certificate url: [ude.my/UC-8789a93e-0cb6-4df0-825e-fe520a1db5dd](https://ude.my/UC-8789a93e-0cb6-4df0-825e-fe520a1db5dd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Shibam Chatterjee**

Date **May 14, 2023**

Length **11 total hours**



Certificate no: UC-1a2aaf6f-52f0-471d-b4a5-c970286a65c4  
Certificate url: [ude.my/UC-1a2aaf6f-52f0-471d-b4a5-c970286a65c4](https://ude.my/UC-1a2aaf6f-52f0-471d-b4a5-c970286a65c4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## **Shibam Chatterjee**

Date **May 14, 2023**

Length **26.5 total hours**





Certificate no: UC-4646f1dd-431f-4636-a858-0ab835b1f2b1  
Certificate url: [ude.my/UC-4646f1dd-431f-4636-a858-0ab835b1f2b1](https://ude.my/UC-4646f1dd-431f-4636-a858-0ab835b1f2b1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# ChatGPT Job Search Breakthrough: Complete Success Formula

Instructors **Aaron Hillyer**

**Shibam Chatterjee**

Date **May 18, 2024**

Length **22 total hours**



Certificate no: UC-e58f0834-5de4-4d9d-b75e-31ce2e0d0d2d  
Certificate url: [ude.my/UC-e58f0834-5de4-4d9d-b75e-31ce2e0d0d2d](https://ude.my/UC-e58f0834-5de4-4d9d-b75e-31ce2e0d0d2d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

## Shibam Chatterjee

Date **May 15, 2024**

Length **128.5 total hours**



# **M** UNIVERSITY OF MICHIGAN

Jan 7, 2022

arnab ghosh

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/FH35728nd6Vx>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2012

arnab ghosh

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/0134211510P9T>

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jan 7, 2023

arnab ghosh

has successfully completed

Introduction to Philosophy

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre MacKinnon, Duncan Pritchard, Gillian Lynch, Matthew Crummin, Allan Webster, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/79H8T7IA5CLE>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-2be3b8fd-f822-47f9-98b2-bc51d92fcd78

Certificate url: [ude.my/UC-2be3b8fd-f822-47f9-98b2-bc51d92fcd78](https://ude.my/UC-2be3b8fd-f822-47f9-98b2-bc51d92fcd78)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Arnab Ghosh

Date **May 8, 2023**

Length **8 total hours**



Certificate no: UC-d5a5cba5-a40c-4fe5-a958-621cf73c3694

Certificate url: [ude.my/UC-d5a5cba5-a40c-4fe5-a958-621cf73c3694](https://ude.my/UC-d5a5cba5-a40c-4fe5-a958-621cf73c3694)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Artificial Intelligence in Digital Marketing Bundle

Instructors **Srinidhi Ranganathan, Saranya S**

## Arnab Ghosh

Date **May 7, 2023**

Length **13.5 total hours**





Certificate no: UC-fe582385-deb4-4ff8-a4f0-8303f12f1a02

Certificate url: [ude.my/UC-fe582385-deb4-4ff8-a4f0-8303f12f1a02](https://ude.my/UC-fe582385-deb4-4ff8-a4f0-8303f12f1a02)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

## **Arnab Ghosh**

Date **May 8, 2023**

Length **17 total hours**



Certificate no: UC-112407a4-f7a7-4c83-a185-f3ebbdb4995f

Certificate url: [ude.my/UC-112407a4-f7a7-4c83-a185-f3ebbdb4995f](https://ude.my/UC-112407a4-f7a7-4c83-a185-f3ebbdb4995f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha, Doron Williams**

## Arnab Ghosh

Date **May 8, 2023**

Length **12.5 total hours**



Certificate no: UC-8e6a90a6-1247-4fbd-9922-627c71b60f2b

Certificate url: [ude.my/UC-8e6a90a6-1247-4fbd-9922-627c71b60f2b](https://ude.my/UC-8e6a90a6-1247-4fbd-9922-627c71b60f2b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors **YouAccel Training**

## **Arnab Ghosh**

Date **May 7, 2023**

Length **13 total hours**





Certificate no: UC-b3a5bea1-ed66-4c4d-b5ca-3edc4ea37d17

Certificate url: [ude.my/UC-b3a5bea1-ed66-4c4d-b5ca-3edc4ea37d17](https://ude.my/UC-b3a5bea1-ed66-4c4d-b5ca-3edc4ea37d17)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Arnab Ghosh

Date **May 8, 2023**

Length **8.5 total hours**



Certificate no: UC-6176d29f-b859-4b0d-8c28-ad36e712e349

Certificate url: [ude.my/UC-6176d29f-b859-4b0d-8c28-ad36e712e349](https://ude.my/UC-6176d29f-b859-4b0d-8c28-ad36e712e349)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Next.js & React - Build a real WebApp with Next.js

Instructors **Nick Ovchinnikov**

## Arnab Ghosh

Date **May 4, 2023**

Length **11 total hours**





Certificate no: UC-b0c84496-3f7b-4ae4-8427-0f69d9104783

Certificate url: [ude.my/UC-b0c84496-3f7b-4ae4-8427-0f69d9104783](https://ude.my/UC-b0c84496-3f7b-4ae4-8427-0f69d9104783)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructors **OCSALY Academy | 340.000+ Students - Ethical Hacking**

## Arnab Ghosh

Date **May 2, 2024**

Length **34 total hours**



11th Jul, 2023

**arnab ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivpal*

Rajivpal Rajivpal PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/SYW4Px2R8hDW>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-05af7cd0-55f5-4af3-8b3a-82b1fb4eb382  
Certificate url: [ude.my/UC-05af7cd0-55f5-4af3-8b3a-82b1fb4eb382](https://udemy.com/certificate/UC-05af7cd0-55f5-4af3-8b3a-82b1fb4eb382)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP with MySQL 2023: Build Complete Coffee Shop System

Instructors **Web Coding**

**Satabdi Nandi**

Date **May 15, 2023**

Length **8.5 total hours**



Certificate no: UC-1fc43005-2e04-4b41-98bc-0f3a5297aae6

Certificate url: [ude.my/UC-1fc43005-2e04-4b41-98bc-0f3a5297aae6](https://ude.my/UC-1fc43005-2e04-4b41-98bc-0f3a5297aae6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

## Satabdi Nandi

Date **May 15, 2023**

Length **9.5 total hours**





Certificate no: UC-8c7e5172-0eeb-40cf-9ad9-4bf3145a27d9

Certificate url: [ude.my/UC-8c7e5172-0eeb-40cf-9ad9-4bf3145a27d9](https://ude.my/UC-8c7e5172-0eeb-40cf-9ad9-4bf3145a27d9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2023 Complete Python Bootcamp from Zero to Hero in Python

Instructors **Surendra Varma Pericherla**

## Satabdi Nandi

Date **May 10, 2023**

Length **10.5 total hours**





Certificate no: UC-268134b0-d607-4cfe-9e5d-6fe4f5c2298a

Certificate url: [ude.my/UC-268134b0-d607-4cfe-9e5d-6fe4f5c2298a](https://udemy.com/certificate/UC-268134b0-d607-4cfe-9e5d-6fe4f5c2298a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

**Satabdi Nandi**

Date **May 21, 2023**

Length **12.5 total hours**



Certificate no: UC-25a0a024-9e29-4995-a972-cf0feacdeeab

Certificate url: [ude.my/UC-25a0a024-9e29-4995-a972-cf0feacdeeab](https://ude.my/UC-25a0a024-9e29-4995-a972-cf0feacdeeab)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Google Cloud (GCP) MasterClass 2024 : GCP for Beginner - Pro

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

## Satabdi Nandi

Date **May 7, 2024**

Length **31 total hours**



THE UNIVERSITY  
*of* EDINBURGH

May 20, 2023

**Ananya Chowdhury**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Patel, Duncan Pritchard, Gillin Lewis, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/CR4129UX9182>

Coursera has confirmed the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 10, 2023

Ananya Chowdhury

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/7E6x286G286P>

Coursera has certified the identity of this individual and their participation in the course.





## COURSE CERTIFICATE

May 12, 2023

# Ananya Chowdhury

has successfully completed

## HTML, CSS, and Javascript for Web Developers

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Yakov Chudin  
Adjunct Professor, Graduate Computer Science  
Whiting School of Engineering  
Johns Hopkins University

Verify at:  
[coursera.org/verify/73MVM9C0072AA](https://coursera.org/verify/73MVM9C0072AA)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and PhD (word) or  
register this learner at JHU or to any course offered by JHU, or access this learner to access or use resources beyond the online courses provided by Coursera.





## COURSE CERTIFICATE

May 16, 2023

**Ananya Chowdhury**

has successfully completed

**Writing Professional Email and Memos (Project-Centered Course)**

an online non-credit course authorized by University System of Georgia and offered through Coursera



*Tamara Powell Tiffani Reardon*

Dr. Tamara Michelle Powell  
Director, College of Humanities and Social Sciences  
Office of Distance Education  
Assistant Professor of English

Tiffani Reardon  
Instructional Designer  
College of Humanities and Social Sciences

Verify at:  
<https://coursera.org/verify/SUW7ABD548>

Coursera has verified the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

May 10, 2023

**Jeet Kangsabanik**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/RSUV7CCN8vPn>

Coursera has confirmed the identity of this individual and their  
participation in the course



Certificate no: UC-f23debba-c3e4-4731-96e1-ac37d951e986

Certificate url: [ude.my/UC-f23debba-c3e4-4731-96e1-ac37d951e986](https://ude.my/UC-f23debba-c3e4-4731-96e1-ac37d951e986)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Jeet kangsabanik

Date **May 23, 2023**

Length **9.5 total hours**



May 11, 2023

**Jeet Kangsabanik**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, which appears to read "Andrew G. Wilson".

Andrew G. Wilson | Deborah M. Long | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/218R7EV7S9W3>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-6db520c4-39cb-409b-8939-18b174d5ea18

Certificate url: [ude.my/UC-6db520c4-39cb-409b-8939-18b174d5ea18](https://www.udemy.com/certificate/UC-6db520c4-39cb-409b-8939-18b174d5ea18)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete English Course: Master English Beginner to Advanced

Instructors **Linguae Learning**

**Jeet kangsabanik**

Date **May 19, 2023**

Length **146.5 total hours**





Certificate no: UC-cdba8cd3-f307-4135-9066-8c1e001f1132

Certificate url: [ude.my/UC-cdba8cd3-f307-4135-9066-8c1e001f1132](https://udemy.com/certificate/UC-cdba8cd3-f307-4135-9066-8c1e001f1132)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Financial Accounting

Instructors **Robert (Bob) Steele**

**Abhradip Mukherjee**

Date **Feb. 22, 2023**

Length **63.5 total hours**

Erasmus  
University  
Rotterdam



April 19, 2023

**ABHRADIP MUKHERJEE**

has successfully completed

**International Security Management**

an online non-credit course authorized by Erasmus University Rotterdam and offered through Coursera.

Bernat Vitoras Jorda, Desiréea Lagersted, Gabriela Jacobs,  
Lida Valler, Mihir Gurus, Tracy Thompson

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/UTMHC30H42AC>

Coursera has certified the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

Mar 26, 2023

# ABHRADIP MUKHERJEE

has successfully completed

## Introduction to International Criminal Law

an online non-credit course authorized by Case Western Reserve University and offered through Coursera.



A handwritten signature in black ink, appearing to read "M. Schmalz".

Professor Michael Schmalz  
John Deane Dinkels - Baker D. Martin Professor of Law and Associate Dean for Global Legal Studies  
School of Law  
Case Western Reserve University

Verify at:  
<https://coursera.org/verify/50811v71724k>

Coursera has verified the identity of this individual and their participation in the course.



Certificate no: UC-c7f148eb-db83-4c21-af42-7353541d6741

Certificate url: [ude.my/UC-c7f148eb-db83-4c21-af42-7353541d6741](https://ude.my/UC-c7f148eb-db83-4c21-af42-7353541d6741)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructors **Infinite Minds Academy**

**Abhradip Mukherjee**

Date **May 19, 2023**

Length **8 total hours**



Certificate no: UC-50bd7736-0746-48e1-be66-e1ea6b26167a  
Certificate url: [ude.my/UC-50bd7736-0746-48e1-be66-e1ea6b26167a](https://ude.my/UC-50bd7736-0746-48e1-be66-e1ea6b26167a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Abhradip Mukherjee**

Date **May 11, 2023**

Length **11 total hours**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAKSHAR DAS**

for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **95** %

Online Assignments	24.94/25	Proctored Exam	70.31/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**

**(12 week course)**

**Prof. Andrew Thangara**

NPTEL, Coordinator

IT Madras



Indian Institute of Technology Madras





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAKSHAR DAS**

for successfully completing the course



## Ethics in Engineering Practice

with a consolidated score of **86** %

Online Assignments	21.25/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023

(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





UNIVERSITY  
OF LONDON

May 22, 2023

Sakshar Das

has successfully completed

Finding Your Professional Voice: Confidence &  
Impact

an online non-credit course authorized by University of London and offered through  
Coursera

Emily Greenfield  
Vice-Chair  
Royal College of Speech and Hearing

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/FAT92D789ELA>

Coursera has certified the identity of this individual and their  
participation in the course.





Certificate no: UC-fd93ff1b-a1c1-4f4c-89d6-7b49ff755c2e  
Certificate url: [ude.my/UC-fd93ff1b-a1c1-4f4c-89d6-7b49ff755c2e](https://ude.my/UC-fd93ff1b-a1c1-4f4c-89d6-7b49ff755c2e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Chinese Language: Everyday & Business Chinese **BEGINNER**

Instructors **Jocelyn Wong**

**Sakshar Das**

Date **May 22, 2023**

Length **12 total hours**



DARDEN SCHOOL  
of BUSINESS

Feb 19, 2022

**Sohita Chatterjee**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/PYVECH10xESD>

Coursera has certified the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 2, 2022

Sohita Chatterjee

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TP0N3VVAM5618>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2022

**Sohita Chatterjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/LSA256DXQLV2](https://coursera.org/verify/LSA256DXQLV2)

Coursera has certified the identity of this individual and their participation in the course.

May 13, 2022

**Sohita Chatterjee**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cady, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Perperidis, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications and Policy

Verify at:  
<https://coursera.org/verify/VNDEUATVSS1B>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-ea0a5204-820d-4e69-ba22-6f9e63eb201d  
Certificate url: [ude.my/UC-ea0a5204-820d-4e69-ba22-6f9e63eb201d](https://ude.my/UC-ea0a5204-820d-4e69-ba22-6f9e63eb201d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Computer Forensics and Digital Forensics Masterclass 2023+

Instructors **OCSALY Academy** | **190.000+** Students

**Sohita chatterjee**

Date **April 30, 2023**

Length **16 total hours**





Certificate no: UC-0fc69dbc-ab45-4318-8732-8fdc76eeff32  
Certificate url: [ude.my/UC-0fc69dbc-ab45-4318-8732-8fdc76eeff32](https://ude.my/UC-0fc69dbc-ab45-4318-8732-8fdc76eeff32)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Forensics Masterclass | Forensic Science 2023 DFMC+™

Instructors **OCSALY Academy** | 190.000+ Students

## Sohita chatterjee

Date **April 30, 2023**

Length **13.5 total hours**





Certificate no: UC-94b035da-7cf9-4a8a-9c70-90d03f2136db

Certificate url: [ude.my/UC-94b035da-7cf9-4a8a-9c70-90d03f2136db](https://ude.my/UC-94b035da-7cf9-4a8a-9c70-90d03f2136db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

**Sohita chatterjee**

Date **April 30, 2023**

Length **12 total hours**



April 17, 2023

**Sohita Chatterjee**

has successfully completed

**Data Management and Visualization**

an online non-credit course authorized by Wesleyan University and offered through Coursera

A handwritten signature in black ink that reads 'Lisa C. Dierker'.

Professor Lisa Dierker  
Psychology  
Wesleyan University



Verify at:  
<https://coursera.org/verify/48/WHS018SY0C>

Coursera has confirmed the identity of this individual and their participation in the course.



April 21, 2023

**Sohita Chatterjee**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM and offered through Coursera

Sanjiv  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/8AFT0PRDNTA>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-30c51488-ca8e-466f-bbd1-97966279a7c4

Certificate url: [ude.my/UC-30c51488-ca8e-466f-bbd1-97966279a7c4](https://www.udemy.com/certificate/UC-30c51488-ca8e-466f-bbd1-97966279a7c4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructors **Infinite Minds Academy**

**Soumyajit Saha**

Date **May 9, 2023**

Length **8 total hours**





Certificate no: UC-a6f54e9f-ec60-419b-b89c-7943e69f9804

Certificate url: [ude.my/UC-a6f54e9f-ec60-419b-b89c-7943e69f9804](https://ude.my/UC-a6f54e9f-ec60-419b-b89c-7943e69f9804)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

## Soumyajit Saha

Date **May 13, 2024**

Length **40 total hours**





Certificate no: UC-17a47389-98d6-4415-a470-b83b7e0c5420

Certificate url: [ude.my/UC-17a47389-98d6-4415-a470-b83b7e0c5420](https://ude.my/UC-17a47389-98d6-4415-a470-b83b7e0c5420)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Desktop: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

## Soumyajit Saha

Date **May 14, 2024**

Length **167.5 total hours**





Certificate of Completion. This document is awarded by Udemy to anyone who completes the course successfully.  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Sagen Murmu**

Date: April 1, 2023

Length: 24 total hours



Udemy Inc. 2023. All rights reserved.  
Udemy and the Udemy logo are trademarks of Udemy Inc.  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Sagen Murmu**

Date: April 4, 2023

Length: 22 total hours



Certificate no: UC-ccb53f5a-dfe5-4e9d-8cca-9d8f984c9b93

Certificate url: [ude.my/UC-ccb53f5a-dfe5-4e9d-8cca-9d8f984c9b93](https://udemy.com/certificate/UC-ccb53f5a-dfe5-4e9d-8cca-9d8f984c9b93)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors **Hemanth kumar**

**Soumili Saha**

Date **May 9, 2023**

Length **11 total hours**





Certificate no: UC-2ee57f3e-e9f2-43cf-abe0-fa902c2824a7

Certificate url: [ude.my/UC-2ee57f3e-e9f2-43cf-abe0-fa902c2824a7](https://ude.my/UC-2ee57f3e-e9f2-43cf-abe0-fa902c2824a7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors **YouAccel Training**

**Soumili Saha**

Date **May 9, 2023**

Length **18 total hours**



Certificate no: UC-df20b5e6-5ccd-495a-b3ca-162c21a9001c  
Certificate url: [ude.my/UC-df20b5e6-5ccd-495a-b3ca-162c21a9001c](https://ude.my/UC-df20b5e6-5ccd-495a-b3ca-162c21a9001c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors **YouAccel Training**

**Soumili Saha**

Date **May 9, 2023**

Length **8 total hours**



Certificate no: UC-65a12805-7558-4dca-bb38-4466139344d7

Certificate url: [ude.my/UC-65a12805-7558-4dca-bb38-4466139344d7](https://ude.my/UC-65a12805-7558-4dca-bb38-4466139344d7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

**Soumili Saha**

Date **May 16, 2023**

Length **24 total hours**

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650460

To  
SOHAM BISWAS  
ICHAPUR NORTH MATH PARA, ANANDAMATH  
DISTRICT - NORTH 24 PARGANAS  
ICHAPUR  
WEST BENGAL - 743144  
PH. NO -9831828298



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SOHAM BISWAS**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **70** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

Prof. Andrew Thanaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







# Georgia Institute of Technology

December 2023

**Soham Biswas**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ST985F4RLWQL](https://coursera.org/verify/ST985F4RLWQL)

Coursera has confirmed the identity of this individual and their participation in the course.





Apr 26, 2022

**Soham Biswas**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera.

Dr. Steve Ellis, M.Ed., Ph.D., Provost and Vice President for Academic Affairs  
Kennesaw State University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/1FBC8MM7457>

Coursera has confirmed the identity of this individual and their participation in the course.



Apr 27, 2022

**Soham Biswas**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7WVZBYSWASD6>

Coursera has confirmed the identity of this individual and their participation in the course.

**UCI** Division of  
Continuing Education

May 23, 2021

**Soham Biswas**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera.



Diane Spiegel,  
Executive Coach

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4572A01UR49X>

Coursera has certified the identity of this individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 23, 2021

**Soham Biswas**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/5NEBGXOTXCHU>

Coursera has confirmed the identity of this individual and their  
participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 22, 2022

**Soham Biswas**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Misra, Duncan Pritchard, Yannis Liaras, Matthew Crumey, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/83PWHD1AD0YS>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 22, 2022

**Soham Biswas**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Pappas, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Management, and Policy

Verify at:  
<https://coursera.org/verify/95EH59P3JDEH>

Coursera has verified the identity of this individual and their  
participation in the course.



Certificate no: UC-f7c379fd-3212-4b50-a834-1b8577f171b6

Certificate url: [ude.my/UC-f7c379fd-3212-4b50-a834-1b8577f171b6](https://ude.my/UC-f7c379fd-3212-4b50-a834-1b8577f171b6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

## Soham Biswas

Date **May 8, 2023**

Length **12 total hours**



Certificate no: UC-9b26ed2e-cc6a-4211-85fc-ff2460a586d8

Certificate url: [ude.my/UC-9b26ed2e-cc6a-4211-85fc-ff2460a586d8](https://www.udemy.com/certificate/UC-9b26ed2e-cc6a-4211-85fc-ff2460a586d8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

## Soham Biswas

Date **May 9, 2023**

Length **128 total hours**



Certificate no: UC-24d5e5ab-4a5d-45cd-b65d-59e9e58e005c  
Certificate url: [ude.my/UC-24d5e5ab-4a5d-45cd-b65d-59e9e58e005c](https://ude.my/UC-24d5e5ab-4a5d-45cd-b65d-59e9e58e005c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Online Business – Work from Home

Instructors **Robert (Bob) Steele**

**Soham Biswas**

Date **May 10, 2023**

Length **10 total hours**

# Verified Certificate

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative  
of Technical University of Munich.



Technische Universität München



Dr. Heidi Minning  
Head of English

TUM Language Center



Dr. Aparna Bhat  
Lecturer

TUM Language Center



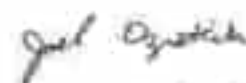
Verified Certificate  
Issued January 23, 2021

Valid Certificate ID:  
[7105109ec71c47658d24d1c5cf25e072](https://certificates.edx.org/7105109ec71c47658d24d1c5cf25e072)



# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Ozresich

Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning  
initiative of University of Washington.



Verified Certificate

Issued January 4, 2021

Valid Certificate ID

[91f8f13b526849588ac3d85b30033ef6](https://courses.edx.org/certificates/91f8f13b526849588ac3d85b30033ef6)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Chyke Sengupta'.

Chyke Sengupta

SVP & General Manager, Training & Certification

The Linux Foundation

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate

Issued July 25, 2021

Valid Certificate ID

[38cf18af9e614d9db12c9923bd79c35b](#)



Jul 15, 2023

**Abhishek Ojha**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/866ULMx2v8664](https://coursera.org/verify/866ULMx2v8664)

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Dec 11, 2020

**Abhishek Ojha**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/BGE2745T66PQ8](https://coursera.org/verify/BGE2745T66PQ8)

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



Abhishek Ojha

AI and Data Science Program Director

IBM

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued April 29, 2022

Valid Certificate ID  
[212953e5df6340c48683de6e3d2f019c](#)



**Verified**  
Certificate

**Harvard**X



Aaron Bernstein, MD MPH

Co-Director, Center for Climate, Health and the Global  
Environment

Harvard T.H. Chan School of Public Health

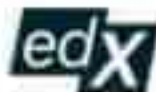
This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**PH278.Ax: The Health Effects of Climate Change**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued May 31, 2022

Valid Certificate ID

[0bf55f3e9aaa04c13bf75a7e99075ef52](#)



May 13, 2022

**ABHISHEK OJHA**

has successfully completed

**C++ Basics: Selection and Iteration**

an online non-credit course authorized by Codio and offered through Coursera

**COURSE  
CERTIFICATE**



Ash Le  
Curriculum Developer  
Codio

Elise Dietrich, Ph.D.  
VP of Product  
Codio

Verify at:

<https://coursera.org/verify/65WAIWBEA7VY>

Coursera has certified the identity of this individual and their participation in the course.



UNIVERSITY OF MINNESOTA  
Driven to Discover™

COURSE  
CERTIFICATE

Jan 1, 2022

**ABHISHEK OJHA**

has successfully completed

**Creative Problem Solving**

an online non-credit course authorized by University of Minnesota and offered through  
Coursera



Professor Brad Klamm, PhD  
College of Design  
University of Minnesota

Jacky Hyman, PhD  
Assistant Professor  
College of Design, Syracuse University

Verify at:  
<https://coursera.org/verify/CZBMG1HMVY8H>

Coursera has confirmed the identity of this individual and their  
participation in the course.

**Verified**  
Certificate



Alex Aabson  
Ph.D., Data Scientist  
IBM

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued June 9, 2022

Valid Certificate ID  
[7e67499f7a0547348003bb3a49f8e21d](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read 'Clyde Seepersaid'.

Clyde Seepersaid  
SVP and General Manager, Training & Certification  
The Linux Foundation

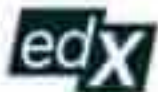
This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**LFS167x: Introduction to Jenkins**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued June 8, 2022

**Valid Certificate ID**  
[b2c351186b08e4eb99fe70c33b3af6b83](#)



**Verified  
Certificate**



Clyde Seepersaid  
SVP & General Manager, Training & Certification  
The Linux Foundation

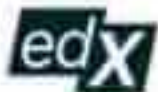
This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued June 8, 2022

**Valid Certificate ID**  
[31caad62b01f4e578e538ca22081f3a](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Lamogon".

Maureen Lamogon  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued May 14, 2023

Valid Certificate ID  
[e8e5417b0d0e49cc822c5c0f1a80fae9](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Chyde Sempersat'.

Chyde Sempersat  
General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Abhishek Ojha**

successfully completed and received a passing grade in

**LFS151.x: Introduction to Cloud Infrastructure  
Technologies**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 14, 2023

Valid Certificate ID  
[17224e16a8f2439aa4201dc41f078208](#)



Certificate no: UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6

Certificate url: [udemy.com/UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6](https://udemy.com/UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **May 9, 2023**

Length **128 total hours**



Certificate no: UC-992837fc-2523-4e11-81c5-f712e1038dc0

Certificate url: [ude.my/UC-992837fc-2523-4e11-81c5-f712e1038dc0](https://ude.my/UC-992837fc-2523-4e11-81c5-f712e1038dc0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

**Akash Bhar**

Date **May 16, 2023**

Length **24 total hours**





Certificate no: UC-589ad22a-27e8-4af1-9ead-ac0177ebe794

Certificate url: [ude.my/UC-589ad22a-27e8-4af1-9ead-ac0177ebe794](https://udemy.com/UC-589ad22a-27e8-4af1-9ead-ac0177ebe794)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

**Akash Bhar**

Date **May 17, 2023**

Length **12.5 total hours**



Certificate no: UC-35fe763e-cf8c-4c33-b6f9-45df641d6852

Certificate url: [ude.my/UC-35fe763e-cf8c-4c33-b6f9-45df641d6852](https://ude.my/UC-35fe763e-cf8c-4c33-b6f9-45df641d6852)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance: Financial Analysis and Decision-Making

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **May 4, 2024**

Length **163.5 total hours**



Certificate no: UC-e212a3e5-09ce-4847-a950-7c66faa53ded

Certificate url: [ude.my/UC-e212a3e5-09ce-4847-a950-7c66faa53ded](https://ude.my/UC-e212a3e5-09ce-4847-a950-7c66faa53ded)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **April 15, 2024**

Length **234 total hours**















Certificate no: UC-42538054-35b1-4261-a82a-8414e0ec4fc0

Certificate url: [ude.my/UC-42538054-35b1-4261-a82a-8414e0ec4fc0](https://ude.my/UC-42538054-35b1-4261-a82a-8414e0ec4fc0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# All of AI: ChatGPT, Midjourney, Stable Diffusion & App Dev

Instructors **Arnold Oberleiter**

## Avishek Bhattacharjee

Date **May 13, 2024**

Length **35.5 total hours**



Certificate no: LIC-021587-1834-4419-0580-781070958ecf  
Certificate url: udemy/certificate/021587-1834-4419-0580-781070958ecf  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sales Skills and Soft Skills For Marketing & Negotiation

Instructors: **Edcorner Learning**

**Shreya Roy**

Date: **May 19, 2024**

Length: **32 total hours**





Certificate no: UC-8b4dc07-40c0-46a0-ed8a-147564020016  
Certificate url: <https://udemy.com/certificate/UC-8b4dc07-40c0-46a0-ed8a-147564020016>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Bootcamp: 30 Hours Of Step By Step Python Lessons

Instructors: **Peter Alkema**

**Shreya Roy**

Date: **May 19, 2024**

Length: **30 total hours**



Certificate no: UC-50d88173-91a0-400a-8381-d602f1c37050  
Certificate url: udemy/UC-50d88173-91a0-400a-8381-d602f1c37050  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Shreya Roy**

Date: **May 19, 2024**

Length: **8 total hours**



THE UNIVERSITY  
*of* EDINBURGH

1 Jan 2018, 10:52

**SAYAN CHATTERJEE**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/ALN66YK4U25C](https://coursera.org/verify/ALN66YK4U25C)

Coursera has certified the identity of this individual and their  
participation in the course.



July 18, 2023

**SAYAN CHATTERJEE**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severack  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/M66RF4CD7C3?](https://coursera.org/verify/M66RF4CD7C3?)

Coursera has certified the identity of this individual and their participation in the course.



Feb 29, 2022

**SAYAN CHATTERJEE**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/LWPSG4N2CRM9](https://coursera.org/verify/LWPSG4N2CRM9)

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

March 2020

**SAYAN CHATTERJEE**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/27U7XFK6PKBz](https://coursera.org/verify/27U7XFK6PKBz)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

July 1, 2021

**SAYAN CHATTERJEE**

has successfully completed

**Code Yourself! An Introduction to Programming**

an online non-credit course authorized by The University of Edinburgh and Universidad  
ORT Uruguay and offered through Coursera



Dr. Amit Maitra  
School of Informatics  
The University of Edinburgh

Dr. Luis Baraldi  
Engineering School  
Universidad ORT Uruguay

Verify at [coursera.org/verify/SXN2R7A8L4FA](https://coursera.org/verify/SXN2R7A8L4FA)

Coursera has confirmed the identity of this individual and their participation in the course.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Jan 30, 2022

**SAYAN CHATTERJEE**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Assistant Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/867G7AMWjGFA](https://coursera.org/verify/867G7AMWjGFA)

Coursera has certified the identity of this individual and their participation in the course.

**Verified**  
Certificate



This is to certify that

**Sayan Chatterjee**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.

*Queen Kyrlempf*

Queen Kyrlempf  
Program Manager, IBM Security Learning Services  
IBM

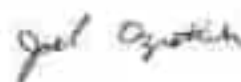


Verified Certificate  
Issued May 12, 2023

Valid Certificate ID  
[aa7064991370460ea7a7bc7ae07a30af](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Dretsch

Lecturer, International & English Language Programs

University of Washington

This is to certify that

**SAYAN CHATTERJEE**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Verified Certificate  
Issued March 4, 2021

Valid Certificate ID  
[b2597ae2d51a4458c0c43c-df34563ac3d](https://certificates.edx.org/verified/b2597ae2d51a4458c0c43c-df34563ac3d)



# Verified Certificate



Rav Anuja

AI and Data Science Program Director



Upean Litter

Senior Developer Advocate



This is to certify that

**SAYAN CHATTERJEE**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued July 1, 2021

Valid Certificate ID  
[d79130838a0427cb44d8a525ddcc24b](https://courses.edx.org/certificates/d79130838a0427cb44d8a525ddcc24b)



Certificate no: UC-781cb252-8ef6-4927-b3cc-1d7cf645616d

Certificate url: [ude.my/UC-781cb252-8ef6-4927-b3cc-1d7cf645616d](https://ude.my/UC-781cb252-8ef6-4927-b3cc-1d7cf645616d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JavaScript, XML, AJAX and React Bootcamp - Hands-On

Instructors **YouAccel Training**

## Sayan Chatterjee

Date **May 6, 2023**

Length **12.5 total hours**



Certificate no: UC-3733d3a5-5cc4-4171-9d23-ac736bb622bc

Certificate url: [ude.my/UC-3733d3a5-5cc4-4171-9d23-ac736bb622bc](https://ude.my/UC-3733d3a5-5cc4-4171-9d23-ac736bb622bc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Artificial Intelligence in Digital Marketing Bundle

Instructors **Srinidhi Ranganathan, Saranya S**

## Sayan Chatterjee

Date **May 6, 2023**

Length **13.5 total hours**



Certificate no: UC-56d2ccae-345e-418e-b3dc-0605d89436be  
Certificate url: [ude.my/UC-56d2ccae-345e-418e-b3dc-0605d89436be](https://ude.my/UC-56d2ccae-345e-418e-b3dc-0605d89436be)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Sayan Chatterjee

Date **May 6, 2023**

Length **10 total hours**





Certificate no: UC-eb0e89b5-fa09-41d9-b30a-7a83c5ca3cca

Certificate url: [ude.my/UC-eb0e89b5-fa09-41d9-b30a-7a83c5ca3cca](https://ude.my/UC-eb0e89b5-fa09-41d9-b30a-7a83c5ca3cca)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors **YouAccel Training**

## **Sayan Chatterjee**

Date **May 6, 2023**

Length **13 total hours**



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL21CS32523840134

To  
SAYAN CHATTERJEE  
27/3C  
RAJ KUMAR CHATTERJEE STREET  
KOLKATA  
WEST BENGAL - 700057  
PH. NO - 9291482153



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN CHATTERJEE**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **80** %



Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	30/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 3425

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Center for Continuing Education, IITM

Jan-Apr 2021  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





# Georgia Institute of Technology

Jan 4, 2014

**Sudeshna Sarkar**

has successfully completed

**Write Professional Emails in English**

an MIT for-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Writing Center  
1010 Yost  
1010 Yost Building

**COURSE  
CERTIFICATE**



Visit at  
<https://coursera.org/verify/WH0114131414>

This link has confirmed the identity of the individual and their  
affiliation with the course.



DARDEN SCHOOL  
of BUSINESS

**COURSE  
CERTIFICATE**

Jan 1, 2023

**Sudeshna Sarkar**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera



*May P. Ginter*

May P. Ginter  
Provost, University of Virginia  
Address of Provost  
Provost's Office & Executive  
Services & Support

UNIVERSITY OF VIRGINIA  
<https://coursera.org/verify/046PZAT1MAQ>

Examined and certified the identity of the individual and the  
authenticity of the course.



# ISB

July 1, 2014

## Sudeshna Sarkar

has successfully completed

### A Life of Happiness and Fulfillment

an online non-credit course, authorized by Indian Institute of Business and offered through Coursera

*Rajiv Kumar*

Rajiv Kumar, Ph.D.  
Vice-Chancellor & Executive  
Dean, School of Business

**COURSE  
CERTIFICATE**



Verify at:  
[www.coursera.org/verify/certificates](https://www.coursera.org/verify/certificates)

Course ID: 30013 (A Life of Happiness and Fulfillment) | Course ID: 30013 (A Life of Happiness and Fulfillment) | Certificate ID: 30013 (A Life of Happiness and Fulfillment)



COURSE  
CERTIFICATE

Issued to:

**Sudeshna Sarkar**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online, self-paced course authorized by University of Michigan and offered through  
Coursera.



A handwritten signature in black ink, appearing to read 'Chad Coker', followed by a horizontal line.

Chad Coker  
Dean, Coursera Academic Services  
University of Michigan

Verify at  
<https://coursera.org/verify/US/CTS/2015/C>

For more information, visit the website of the University of Michigan at [www.umich.edu](http://www.umich.edu)  
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Certificate ID: UC-802871-2740-8166-w390-y0370364079  
Certificate URL: <https://www.udacity.com/certificate/UC-802871-2740-8166-w390-y0370364079>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Pietakha**

**Sudeshna Sarkar**

Date **May 1, 2023**

Length **8.5 total hours**



CERTIFICATE OF COMPLETION

# Woo-Commerce Flower Dropshipping Masterclass- Wordpress 2023

Instructors: **Passive Income Gen Z**

## Sudeshna Sarkar

Date: **May 7, 2023**

Length: **9.5 total hours**





Certificate ID: UC79d294d0-4c3e-4634-b223-c084a4927105  
Certificate URL: <https://www.udacity.com/certificate/UC79d294d0-4c3e-4634-b223-c084a4927105>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: Ing. Tomas Mizevek, SEO, Facebook Ads & Digital Marketing Academy

**Sudeshna Sarkar**

Date: **May 7, 2023**

Length: **48.5 total hours**



CERTIFICATE OF COMPLETION

# Mini MBA in Marketing

Instructors: **MTF Institute of Management, Technology and Finance**

**Sudeshna Sarkar**

Date: **May 8, 2024**

Length: **9 total hours**





CERTIFICATE OF COMPLETION

# QuickBooks Online - Bank Feeds & Credit Card Feeds

Instructors: Robert (Bob) Steele, Jane Clark

**Sudeshna Sarkar**

Date: May 9, 2024

Length: 8.5 total hours



Certificate no. UC-3d24888-issu-4215-awar-0770z-5d3647e  
Certificate url: [www.udemy.com/certificate/UC-3d24888-issu-4215-awar-0770z-5d3647e](https://www.udemy.com/certificate/UC-3d24888-issu-4215-awar-0770z-5d3647e)  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Governmental Accounting 100

Instructors: **Robert (Bob) Steele**

**Sudeshna Sarkar**

Date: **May 9, 2024**

Length: **18 total hours**



**Verified  
Certificate**

**IBM**


This is to certify that

**Rijukar Palit**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

  
Anand Anandaram  
Data Science  
IBM



Verified Certificate  
Issued July 22, 2021

Valid Certificate ID  
c2f28a20202020202020202020202020

**Verified  
Certificate**

**IBM**

This is to certify that

**Rijukar Palit**

successfully completed and received a passing grade in

**CAD101EN: Introduction to Cloud Development  
with HTML, CSS, and JavaScript**

a course of study offered by IBM, an online learning initiative of IBM.

  
Anand Anandaram  
IBM  
  
Anand Anandaram  
IBM



Verified Certificate  
Issued July 19, 2021

Valid Certificate ID  
c2f28a20202020202020202020202020





**Verified**  
Certificate



This is to certify that

**Rijukar Palit**

successfully completed and received a passing grade in

**LF5170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by [LinuxFoundationX](#), an online learning initiative of The Linux Foundation.

  
David Treisman  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 6, 2022

Unique Certificate ID  
0222987039426066222817029413



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CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

Instructor: Creativity Unleashed

**Rijukar Palit**

Date: May 25, 2022  
Length: 19.5 total hours



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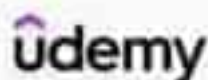
CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors: [Stack Tech Academy](#)

**Rijukar Palit**

Date: March 2, 2022  
Length: 35 total hours



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CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors: [Sean Lawrence Gomes](#), [Learn IT University](#), [Andrii Platskha](#)

**Rijukar Palit**

Date: June 6, 2022  
Length: 17 total hours



**Verified  
Certificate**

**UNIVERSITY OF WASHINGTON**

This is to certify that

**Rijukar Palit**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingonX, an online learning initiative of University of Washington.

*John S. Edwards*  
 Executive Director, Center for Information Assurance and  
 Cybersecurity  
 Professor, University of Washington  
 University of Washington Center of Academic Excellence



Verified Certificate  
 Issued May 11, 2023

Valid Certificate ID  
 01000001-01000001-00000001-00000001



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CERTIFICATE OF COMPLETION

**Learn Python for Data Science  
& Machine Learning from A-Z**

Instructor: **Jose E. Galvan, Ahmad Mueel**

**Rijukar Palit**

Date: **April 26, 2023**

Length: **23 total hours**



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CERTIFICATE OF COMPLETION

# Google BigQuery & PostgreSQL : Big Query for Data Analysis

Instructors: Start-Tech Academy

**Rijukar Palit**

Date: April 26, 2023  
Length: 11.3 total hours

81021-161-161

81021-161-161-161

**Verified  
Certificate**

**IBM**

This is to certify that

**Rijukar Palit**

successfully completed and received a passing grade in

**DL0101EN: Deep Learning Fundamentals with Keras**

a course of study offered by IBM, an online learning initiative of IBM.

Rajukar Palit  
Data Scientist

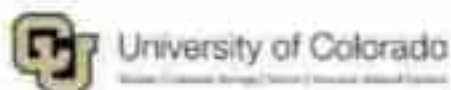
IBM Cloud Partner | IBM | University



Verified Certificate  
Issued May 12, 2023

Valid Certificate ID  
[XXXXXXXXXXXXXXXXXXXX]





University of Colorado

Business | Education | Engineering | Health | Law | Life Sciences | Medicine | Public Affairs

June 10, 2019

**Rijukar Palit**

Accountability Specialist

**Teamwork Skills: Communicating Effectively in Groups**

Successful team work is achieved by identifying individual strengths and roles through listening.

*Matthew Koschmann*

Executive Director  
Accountability Specialist  
Education Specialist

COURSE  
CERTIFICATE



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June 10, 2019

**Rijukar Palit**

Accountability Specialist

**A Life of Happiness and Fulfillment**

Successful team work is achieved by understanding individual strengths and roles through listening.

*Rijukar Palit*

Executive Director  
Accountability Specialist  
Education Specialist

COURSE  
CERTIFICATE



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On 4/20/20

**Rijukar Palit**

has successfully completed

**Write Professional Emails in English**

and has earned a grade equivalent to Georgia Institute of Technology credit for this course.

A handwritten signature in black ink, appearing to read "David J. ...", positioned above a horizontal line.

Dean  
School of  
Professional Studies

**COURSE  
CERTIFICATE**



Georgia Institute of Technology (GT) is an Equal Opportunity Institution. All rights reserved. ©2020 Georgia Institute of Technology. All rights reserved. GT is an Equal Opportunity Institution.



Certificate no: UC-c6a08f93-fc23-470e-a8af-558f178f65c0

Certificate url: [ude.my/UC-c6a08f93-fc23-470e-a8af-558f178f65c0](https://ude.my/UC-c6a08f93-fc23-470e-a8af-558f178f65c0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

## ADARSH KUMAR SINGH

Date **May 10, 2024**

Length **77 total hours**



Certificate no: UC-a8454da9-e0e1-4dbe-a83e-92ed1807ad38  
Certificate url: [ude.my/UC-a8454da9-e0e1-4dbe-a83e-92ed1807ad38](https://ude.my/UC-a8454da9-e0e1-4dbe-a83e-92ed1807ad38)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

## ADARSH KUMAR SINGH

Date **May 10, 2024**

Length **40 total hours**





Certificate no: UC-83832a7a-bd66-4923-8467-911d12c3c8ca

Certificate url: [ude.my/UC-83832a7a-bd66-4923-8467-911d12c3c8ca](https://ude.my/UC-83832a7a-bd66-4923-8467-911d12c3c8ca)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Data Structures & Algorithms using C and C++

Instructors **Abdul Bari**

**Rahul Das**

Date **May 4, 2023**

Length **58.5 total hours**



Certificate no: UC-7794e9ad-315d-4963-a2ca-b53a018d82b0

Certificate url: [ude.my/UC-7794e9ad-315d-4963-a2ca-b53a018d82b0](https://ude.my/UC-7794e9ad-315d-4963-a2ca-b53a018d82b0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JAVASCRIPT with HTML5,CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

## Rahul Das

Date **May 8, 2023**

Length **17 total hours**



Certificate of Completion  
Certificate of Completion  
Certificate of Completion  
Certificate of Completion

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: Logos Academy

**Samarjit Jana**

Date: April 16, 2024

Length: 77 total hours



Certificate ID: UC-CERT-2024-0001  
Certificate of Completion for 100 Days of Code: The Complete Python Pro Bootcamp  
Issued on: April 16, 2024

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors: **Dr. Angela Yu**

**Samarjit Jana**

Date: **April 16, 2024**

Length: **58.5 total hours**



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CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructor: **Dr. Swati Chakraborty**

**Samarjit Jana**

Date: May 10, 2024

Length: 4 total hours







Jul 20, 2021

**Sankha Suvra Ghatak**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rayhanshankar*

Rajivpal Rayhanshankar PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/URNLFPX85H24](https://coursera.org/verify/URNLFPX85H24)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan. 6, 2021

**Sankha Suvra Ghatak**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/32CS4ETW7AP1](https://coursera.org/verify/32CS4ETW7AP1)

Coursera has certified the identity of this individual and their  
participation in the course.

# Verified Certificate



This is to certify that

**Sankha Suvra Ghatak**

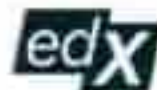
successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santarcomite  
Data Scientist

IBM



Verified Certificate  
Issued July 17, 2021

Valid Certificate ID  
[cbd288af38cc04d85a76171ef8603ce40d](https://courses.edx.org/certificates/cbd288af38cc04d85a76171ef8603ce40d)

# Verified Certificate



Clyde Sempersall  
SVP & General Manager, Training & Certification  
The Linux Foundation

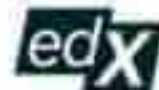
This is to certify that

**Sankha Suvra Ghatak**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued June 14, 2022

**Valid Certificate ID**  
[cb0651d8c02248148b12266d7d46107a](https://courses.edx.org/certificates/cb0651d8c02248148b12266d7d46107a)



# Verified Certificate

**W** UNIVERSITY of WASHINGTON

This is to certify that

**Sankha Suvra Ghatak**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingonX, an online learning initiative of University of Washington.



Dr. Barbara Endicott-Popovskiy

Executive Director, Center for Information Assurance and  
Cybersecurity  
Professor, University of Washington  
*University of Washington Center of Academic Excellence*



Verified Certificate  
Issued June 14, 2022

Valid Certificate ID  
[7270c71d80fa4da38788041da7734571](https://courses.edx.org/certificates/7270c71d80fa4da38788041da7734571)



Certificate no: UC-c462d510-de36-43ca-9736-a8db71a94bbe  
Certificate url: [ude.my/UC-c462d510-de36-43ca-9736-a8db71a94bbe](https://ude.my/UC-c462d510-de36-43ca-9736-a8db71a94bbe)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructors **Arbaz Khan**

**Sankha Suvra Ghatak**

Date **May 4, 2023**

Length **13 total hours**



Certificate no: UC-263be5fb-bd24-4f1d-90cb-84a770022d4c

Certificate url: [ude.my/UC-263be5fb-bd24-4f1d-90cb-84a770022d4c](https://ude.my/UC-263be5fb-bd24-4f1d-90cb-84a770022d4c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linux Bash Shell Scripting Incl. AWK, SED and 10+ Projects

Instructors **Vivek Pandit**

## Sankha Suvra Ghatak

Date **May 4, 2023**

Length **15 total hours**



Certificate no: UC-96db5aa1-e795-45a7-981f-dbd020db3eed

Certificate url: [ude.my/UC-96db5aa1-e795-45a7-981f-dbd020db3eed](https://ude.my/UC-96db5aa1-e795-45a7-981f-dbd020db3eed)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy** | 190.000+ Students

## Sankha Suvra Ghatak

Date **May 4, 2023**

Length **8.5 total hours**





Certificate no: UC-1c695656-7a06-41df-9cae-70ce1e264360

Certificate url: [ude.my/UC-1c695656-7a06-41df-9cae-70ce1e264360](https://udemy.com/certificate/UC-1c695656-7a06-41df-9cae-70ce1e264360)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Interview Oriented Data Structure Arrays & Linked List C|C++

Instructors **Sonali Shrivastava**

## **Sankha Suvra Ghatak**

Date **May 4, 2023**

Length **16.5 total hours**





Certificate no: UC-cc572571-2439-4b18-8833-1386e9c3ea41

Certificate url: [ude.my/UC-cc572571-2439-4b18-8833-1386e9c3ea41](https://udemy.com/certificate/UC-cc572571-2439-4b18-8833-1386e9c3ea41)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python in Action: A Practical Course 50+ Real-World Projects

Instructors **Arbaz Khan**

**Sankha Suvra Ghatak**

Date **May 4, 2023**

Length **10 total hours**



Certificate no: UC-19a8de1e-62a0-4148-9c52-5de6f51bead5

Certificate url: [ude.my/UC-19a8de1e-62a0-4148-9c52-5de6f51bead5](https://ude.my/UC-19a8de1e-62a0-4148-9c52-5de6f51bead5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Sankha Suvra Ghatak**

Date **May 15, 2023**

Length **11 total hours**



Certificate no: UC-26d5efeb-5e8f-4748-b517-c62997679be7

Certificate url: [ude.my/UC-26d5efeb-5e8f-4748-b517-c62997679be7](https://ude.my/UC-26d5efeb-5e8f-4748-b517-c62997679be7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced Artificial Intelligence in Digital Marketing Bundle

Instructors **Srinidhi Ranganathan, Saranya S**

**Sankha Suvra Ghatak**

Date **May 4, 2023**

Length **13.5 total hours**





THE UNIVERSITY  
*of* EDINBURGH

Jan 19, 2022

**Sankha Suvra Ghatak**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Ward, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hahler, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



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Coursera has certified the identity of this individual and their  
participation in the course.





---

## English in the world today

---

<https://www.open.edu/openlearn/languages/english-language/english-the-world-today/condam-section-0>

---

### Course summary

How did English become the global force it is today? This free course, English in the world today, explores the status of the language and its worldwide diversity. It looks at how social and political factors influence people's attitudes towards it, and at the relationship between one's linguistic heritage and sense of identity.

### Learning outcomes

By completing this course, the learner should be able to:

- understand the diversity of English through history and around the world
- understand the effect of social and cultural factors on an individual's use of English
- understand the relationship between a person's linguistic heritage and their sense of identity
- understand the ways in which different varieties of English in use around the world are categorised.

## English in the world today

### Completed study

The learner has completed the following:

#### Section 1

The beginnings of English (Part 1)

#### Section 2

The beginnings of English (Part 2)

#### Section 3

The beginnings of English (Part 3)

#### Section 4

What is English? (Part 1)

#### Section 5

What is English? (Part 2)

#### Section 6

What is English? (Part 3)

#### Section 7

What is English? (Part 4)

#### Section 8

English through history (Part 1)

#### Section 9

English through history (Part 2)

#### Section 10

English through history (Part 3)

#### Section 11

English through history (Part 4)

#### Section 12

Timeline of the history of English

#### Section 13

Who speaks English? (Part 1)

#### Section 14

Who speaks English? (Part 2)

#### Section 15

Who speaks English? (Part 3)

#### Section 16

Who speaks English? (Part 4)

#### Section 17

Conclusion

## Statement of participation

# Souvan Sarkar

has completed the free course including any mandatory tests for:

---

### The ethics of cultural heritage

This free 12-hour course provided the basic theory behind the protection of cultural property in war zones.

---

**Issue date:** 21 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details.

<https://www.open.edu/openlearn/history-the-arts/the-ethics-cultural-heritage/content-section-overview>

COURSE CODE: HIW\_1

## The ethics of cultural heritage

<https://www.open.edu/openlearn/history-the-arts/the-ethics-cultural-heritage/content-section-overview>

### Course summary

This free 12-hour course provided the basic theory behind the protection of cultural property in war zones and was presented in three parts: the protection of cultural property; the legal basis for that protection; and accounts of proportionality (that is, on deciding whether or not there is a feasible alternative to damaging cultural property).

### Learning outcomes

By completing this course, the learner should be able to:

- understand the role which cultural heritage plays in our society, and some of the ways in which it can be beneficial or important to us
- examine and apply the rules of the Hague Convention of 1954 (on protecting heritage in war) in both real and hypothetical examples
- recognise occasions where we might face a dilemma between preventing damage to heritage and preventing harm to human beings
- analyse some of the key arguments given for and against heritage protection in such circumstances
- connect these arguments to case studies, such as the Notre-Dame fire in 2019, the destruction of Palmyra in 2015, and the bombing of Monte Cassino in the Second World War.

### Completed study

The learner has completed the following:

#### Week 1

Introduction

Notre-Dame and the ethics of heritage preservation

#### Week 2

Cultural heritage in war

#### Week 3

Weighting heritage against lives



# CERTIFICATE OF COMPLETION

Presented to

**Souvan Sarkar**

For successfully completing a free online course  
**Data Science with Python**

Provided by

**Great Learning Academy**

(On May 2024)



## Statement of participation

# Souvan Sarkar

has completed the free course including any mandatory tests for:

---

### Machines, minds and computers

This 10-hour free course looked at what 'intelligence' is; how computers may become intelligent, and whether they ever will really be so.

---

**Issue date:** 23 May 2024



[www.open.edu/openlearn](http://www.open.edu/openlearn)

This statement does not imply the award of credit points nor the conferment of a University Qualification.  
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:  
<https://www.open.edu/openlearn/digital-computing/machines-minds-and-computers/content-section-8>

COURSE CODE: M366\_1

---

## Machines, minds and computers

---

<https://www.open.edu/openlearn/digital-computing/machines-minds-and-computers/content-section-0>

---

### Course summary

Computers are becoming smarter and may soon become intelligent. This free course, *Machines, minds and computers*, looks at what intelligence is, how computers may become so, and whether they ever will really be intelligent. It is aimed at people interested in understanding what intelligence and thinking really are, and who want to understand the underpinnings of our ideas about them.

### Learning outcomes

By completing this course, the learner should be able to:

- explain the distinction drawn in this course between artificial intelligence and Symbolic AI
- describe various possible tests for machine intelligence
- explain the concepts of a computer model and of an optimisation problem
- distinguish between a simulation, a replication and an emulation
- distinguish between strong and weak artificial intelligence.

### Completed study

The learner has completed the following:

#### Section 1

Machines

#### Section 2

Minds

#### Section 3

AI

#### Section 4

Computers

#### Section 5

Conclusion – Symbolic AI and Cybernetics



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Reference Number: 2024

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructor: **Horizon Tech**

**Srijan Roy**

Date: **May 10, 2024**

Length: **12.5 total hours**



# Certificate

We certify that **Srijan Roy**  
has completed the following courses on our platform:



English language intermediate level by English for You

17 hours 25 minutes - From 14/05/2024 to 14/05/2024

Adriano Medeiros Dantas  
Executive Director - CURSA

Srijan Roy  
Student Signature  
Srijan.Roy

u4307544

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

## Statement of participation

# Srijan Roy

has completed the free course including any mandatory tests for:

---

### Introducing ethics in Information and Computer Sciences

This 40-hour free course explored ethics in ICS, in particular the importance of language and role of rhetoric in everyday practice.

---

**Issue date:** 10 May 2024



[www.open.edu/openlearn](https://www.open.edu/openlearn)

This statement does not imply the award of credit points or the conferment of a University Qualification. This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:  
<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

COURSE CODE: ETHICS\_1





## Introducing ethics in Information and Computer Sciences

<https://www.open.edu/openlearn/education-development/education/introducing-ethics-information-and-computer-sciences/content-section-0>

### Course summary

Although ethics is often viewed as an academic specialism or an add-on to training programmes in technology and science, it is in fact an area of the utmost relevance to professionals and, indeed, everyone. This free course, *Introducing ethics in Information and Computer Sciences*, draws upon examples taken from dialogues, plays and the media to discuss ethics and ethical issues within the context of Information and Computer Sciences. The course explores the importance of language and the role of rhetoric in everyday ICS practice, providing a resource of interest to ICS students and professionals alike.

### Learning outcomes

By completing this course, the learner should be able to:

- discuss what ethics is and what constitutes an ethical issue
- identify and discuss ethical issues that arise in the media, in routine conversations and, in particular, in personal everyday professional practice
- discuss the role of emotions in ethical deliberations
- discuss how negotiation might resolve apparent ethical differences
- identify and discuss the ethical issues presented and rhetorical styles used in play and dialogue excerpts, with focus on explaining how language is used to alter other people's ethical perceptions and convince them of specific points.

### Completed study

The learner has completed the following:

#### Section 1

*Good bed night or wrong?*

#### Section 2

*It's not all Greek to me!*

#### Section 3

*Relationships emotions and ethics*

#### Section 4

*Ethics everyday*

#### Section 5

*Landscape with Weapon an allegory*

#### Section 6

*Conclusion*

#### Section 7

*Summary*



# Certificate

We certify that Subhodeep Boral  
has completed the following courses on our platform:



## Learn English with Adam

23 hours 27 minutes - From 24/05/2024 to 24/05/2024

Adelin Medeiros Dental  
Executive Director - Cursa

Student Signature  
Subhodeep Boral

U4352645

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that Subhodeep Boral  
has completed the following courses on our platform:



Python with Django complete course by Telusko

15 hours 17 minutes - From 24/05/2024 to 25/05/2024

Adrian Medeiros Dantas  
Executive Director - CURSA

Student Signature  
Subhodeep Boral

u4352645

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/eni/my-certificate](https://cursa.app/eni/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Find the corner to  
verify authenticity



Certificate ID: UC-CPROD-748-4074281-25489474  
Certificate URL: <https://www.udacity.com/certificate/UC-CPROD-748-4074281-25489474>  
Reference Number: 2584

CERTIFICATE OF COMPLETION

# AI and Operations Management & Strategic Management 2.0

Instructors: Dr. José Prabhu J

**Subhodeep Boral**

Date: May 26, 2024

Length: 2 total hours



Certificate of Completion  
Certificate number: UC-COMPLT-2023-0515-000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors **Anton Voroniuk**

**Samata Das**

Date **May 15, 2023**

Length **20 total hours**







CERTIFICATE OF COMPLETION

# Passive income W/ Udemy- Online Course Creation (Unofficial)

Instructors: **Passive Income Gen Z**

**Samata Das**

Date: April 13, 2023  
Length: 14 total hours



Udemy Inc. 220001001-0001-0001-0001-000100000000  
Certificate of Completion: 220001001-0001-0001-0001-000100000000  
Issued on: May 7, 2022

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: Andrii Piatkha, Learn IT University

**Bikash Yadav**

Date: May 7, 2022

Length: 29.5 total hours



Udemy, Inc. 3200 Rhode Island Avenue, Suite 1000  
Beverly Hills, CA 90210-4444  
© 2022 Udemy, Inc. All rights reserved.

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: **Horizon Tech**

**Bikash Yadav**

Date: **May 7, 2022**

Length: **8.5 total hours**



Certificate of Completion for the course  
Financial Accounting-Inventory & Merchandising  
Transactions

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: Robert (Bob) Steele

**Bikash Yadav**

Date: May 10, 2022

Length: 22 total hours





Udemy Inc. 221 Woodland Ave, San Francisco, CA 94133  
Certificate of Completion (Udacity) until 2020-01-01  
November 2022

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors: Tigran Ter-Karapetyants, Andrii Platakha, Learn IT University

**Bikash Yadav**

Date: May 13, 2022

Length: 12.5 total hours



Certificate ID: UC-992-994-438-439-086-4C78494422  
Certificate URL: <https://www.udacity.com/certificate/UC-992-994-438-439-086-4C78494422>  
Release Number: 0000

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO**, **Andrii Platakha**

**Bikash Yadav**

Date **May 13, 2022**

Length **8.5 total hours**



Certificate of Completion  
This certifies that you have successfully completed the course  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: Ing. Tomas Moravec | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Bikash Yadav**

Date: Feb. 7, 2023

Length: 38.5 total hours



Certificate no: UC-f12b6cfb-46c6-4f45-a7ef-f2bc2de93cbe

Certificate url: [ude.my/UC-f12b6cfb-46c6-4f45-a7ef-f2bc2de93cbe](https://ude.my/UC-f12b6cfb-46c6-4f45-a7ef-f2bc2de93cbe)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Ayan Mukherjee

Date **June 8, 2022**

Length **36 total hours**



Certificate no: UC-0833a930-fdf0-44c8-9616-f39424a7b82c

Certificate url: [ude.my/UC-0833a930-fdf0-44c8-9616-f39424a7b82c](https://ude.my/UC-0833a930-fdf0-44c8-9616-f39424a7b82c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

## **Ayan Mukherjee**

Date **June 8, 2022**

Length **22 total hours**





Certificate no: UC-b26f4886-2e30-41d6-b5b2-f130203fcbcf  
Certificate url: [ude.my/UC-b26f4886-2e30-41d6-b5b2-f130203fcbcf](https://ude.my/UC-b26f4886-2e30-41d6-b5b2-f130203fcbcf)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting-Adjusting Entries & Financial Statement

Instructors **Robert (Bob) Steele**

## Ayan Mukherjee

Date **June 8, 2022**

Length **12 total hours**



Certificate no: UC-2c5e7c6c-89fb-4878-81f6-cd6f900d5693

Certificate url: [ude.my/UC-2c5e7c6c-89fb-4878-81f6-cd6f900d5693](https://ude.my/UC-2c5e7c6c-89fb-4878-81f6-cd6f900d5693)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Video Production, YouTube Marketing, & Video Marketing Guide

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Ayan Mukherjee

Date **March 29, 2023**

Length **16.5 total hours**



Certificate no: UC-7efa88ee-74bc-498f-a4d8-2ab99ecb5cbb

Certificate url: [ude.my/UC-7efa88ee-74bc-498f-a4d8-2ab99ecb5cbb](https://udemy.com/certificate/UC-7efa88ee-74bc-498f-a4d8-2ab99ecb5cbb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Complete Statistics For Computer Science - I

Instructors **Shilank Singh**

## Ayan Mukherjee

Date **March 29, 2023**

Length **21.5 total hours**





Certificate no: UC-09a656f7-9249-4d66-8317-e99c7eec6087

Certificate url: [ude.my/UC-09a656f7-9249-4d66-8317-e99c7eec6087](https://ude.my/UC-09a656f7-9249-4d66-8317-e99c7eec6087)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Ayan Mukherjee

Date **March 29, 2023**

Length **29 total hours**



Certificate no: UC-c1a6d09b-5b97-4a70-bea9-66fd406a832e  
Certificate url: [ude.my/UC-c1a6d09b-5b97-4a70-bea9-66fd406a832e](https://ude.my/UC-c1a6d09b-5b97-4a70-bea9-66fd406a832e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Course in Adobe Photoshop CC

Instructors **CADCIM Technologies**

## Ayan Mukherjee

Date **May 14, 2024**

Length **39.5 total hours**





Certificate no: UC-5ee086d8-2325-49a7-8002-1687458047ea  
Certificate url: [ude.my/UC-5ee086d8-2325-49a7-8002-1687458047ea](https://ude.my/UC-5ee086d8-2325-49a7-8002-1687458047ea)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Governmental Accounting 100

Instructors **Robert (Bob) Steele**

## Ayan Mukherjee

Date **May 8, 2024**

Length **18 total hours**



22-Jun-2021

**SHRUTI GHOSH**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivpal*

Rajivpal Rajivpal, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/NKVE29U6BDTH](https://coursera.org/verify/NKVE29U6BDTH)

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jan 19, 2022

**SHRUTI GHOSH**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukh, Duncan Pritchard, Yulia Lomala, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/2MTLVPR15U0](https://coursera.org/verify/2MTLVPR15U0)

Coursera has confirmed the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

02-Dec-2020

**SHRUTI GHOSH**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/MFEQGGSU3TG](https://coursera.org/verify/MFEQGGSU3TG)

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



Technische Universität München

This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Dr. Heidi Minning  
Head of English

TUM Language Center



Dr. Annsa Bher  
Lecturer

TUM Language Center



Verified Certificate  
Issued January 7, 2021

Valid Certificate ID  
[96e6e9d13f34b7ab22cc3ebfa258712](https://courses.edx.org/certificates/96e6e9d13f34b7ab22cc3ebfa258712)



**Verified  
Certificate**

**HarvardX**

*Richard Elmore*

**Richard Elmore**

Gregory R. Arrig Research Professor of Educational Leadership

*Harvard University*

This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



**Verified Certificate**

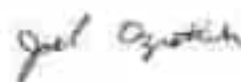
Issued January 11, 2021

**Valid Certificate ID**

[a705f0d6c4094b30e62ff851a48ee78](#)

# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Dretsch

Lecturer, International & English Language Programs

University of Washington

This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



**Verified Certificate**  
Issued January 5, 2021

**Valid Certificate ID**  
[4c4fb25e12e044b3eeb75e33865528e7](https://sources.edx.org/certificates/4c4fb25e12e044b3eeb75e33865528e7)

# Verified Certificate



This is to certify that

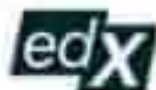
**SHRUTI GHOSH**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

José Santacana  
Data Scientist



Verified Certificate  
Issued March 27, 2021

Valid Certificate ID  
[87188b711f584876a510a225605c7810](https://edcourses.edx.org/certificates/87188b711f584876a510a225605c7810)



01-Feb-2022

**SHRUTI GHOSH**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:

<https://coursera.org/verify/EDUCATION/COURSE>

Coursera has certified the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

## **Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.

*Cover Khyampal*

Cover Khyampal

Program Manager, IBM Security Learning Services

2024



Verified Certificate  
Issued June 7, 2024

Valid Certificate ID  
2781ca47104886a29acac21ca873c4a



**Verified  
Certificate**



This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

**LFS162x: Introduction to DevOps and Site  
Reliability Engineering**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Cypto Ramesh

VP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued April 6, 2022

Valid Certificate ID  
[043082173e284804872627132e681661](#)



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**SHRUTI GHOSH**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued April 29, 2023

**Valid Certificate ID**  
[2e0bfc4ff814e6391e052f513e901e2](#)



Certificate no: UC-e2c5f807-ac28-4262-9031-8f9044141574

Certificate url: [ude.my/UC-e2c5f807-ac28-4262-9031-8f9044141574](https://ude.my/UC-e2c5f807-ac28-4262-9031-8f9044141574)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Learning for Network Engineers Automation Masterclass

Instructors **Shibi Dev**

**Disha Mukherjee**

Date **April 28, 2024**

Length **30 total hours**



Certificate no: UC-A4Tb0d4-vee3-4ec3-8708-220653402  
Course no: UC-A4Tb0d4-vee3-4ec3-8708-220653402  
Release Number: 0004

CERTIFICATE OF COMPLETION

# PyTorch Ultimate 2024: From Basics to Cutting-Edge

Instructors | Bert Gollnick

**Disha Mukherjee**

Date | April 26, 2024

Length | 18.5 total hours





Certificate no. UC-Academic-2023-4567890-1234567890  
Certificate url: udemy.com/certificate/2023-4567890-1234567890-  
Reference Number: 12345

CERTIFICATE OF COMPLETION

# Corporate Finance #8 Time Value of Money (PV & FV)

Instructor: Robert (Bob) Steele

**Disha Mukherjee**

Date: Dec. 7, 2023

Length: 20 total hours



Certificate ID: UC-123345-678-901-234-5678901234  
Certificate URL: [https://www.udacity.com/certificate/UC-123345-678-901-234-5678901234](#)  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors: **Horizon Tech**

**Disha Mukherjee**

Date: **May 11, 2023**

Length: **12 total hours**



Udemy.com | UC: 00000000-0000-0000-0000-000000000000  
Certificate ID: 00000000-0000-0000-0000-000000000000  
Release Number: 0000

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructor: Yusuf Kabir

**Disha Mukherjee**

Date: May 16, 2023

Length: 24 total hours



Certificate no: UC-4d8b9bea-a5d4-4788-9f0e-6c0ebaa6eaba  
Certificate url: [ude.my/UC-4d8b9bea-a5d4-4788-9f0e-6c0ebaa6eaba](https://ude.my/UC-4d8b9bea-a5d4-4788-9f0e-6c0ebaa6eaba)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Business Communication and Ethics in Organizations -2023

Instructors **OZIS Academy**

**Disha Mukherjee**

Date **May 16, 2023**

Length **21.5 total hours**



Certificate no: UC-2ace8648-1b64-4b8f-97e6-52c929cc0981

Certificate url: [udemy.com/certificate/UC-2ace8648-1b64-4b8f-97e6-52c929cc0981](https://udemy.com/certificate/UC-2ace8648-1b64-4b8f-97e6-52c929cc0981)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors **EdYoda Digital University, Qaifi Khan**

## Sujit Prasad

Date **May 7, 2023**

Length **10 total hours**





Certificate no: UC-c9e9afb0-64b7-4c8a-9185-52684f79a5d0

Certificate url: [ude.my/UC-c9e9afb0-64b7-4c8a-9185-52684f79a5d0](https://ude.my/UC-c9e9afb0-64b7-4c8a-9185-52684f79a5d0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Disha Mukherjee**

Date **May 16, 2023**

Length **11 total hours**



Certificate no: UC-71a04361-c543-4d6a-8515-09ae85468442

Certificate url: [udemy.com/UC-71a04361-c543-4d6a-8515-09ae85468442](https://udemy.com/UC-71a04361-c543-4d6a-8515-09ae85468442)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate Ethical Hacking from Zero To Hero

Instructors **MMZ Academy**

**Disha Mukherjee**

Date **May 15, 2023**

Length **10.5 total hours**

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Louajaj".

**Mounir Louajaj**

Director, Training and Certification

Amazon Web Services (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**OTP-AWSD11: Building Modern Java  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 7, 2023

Valid Certificate ID  
[https://aws.amazon.com/credentials/verify/certificate/eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZW50aW91IiwiaWF0IjoiMTY8MzU0MzU0IiwidmVyc2lvbiI6ImF1dG8iLCJ1aWkiOiJ1aWki](https://aws.amazon.com/credentials/verify/certificate/eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZW50aW91IiwiaWF0IjoiMTY4MzU0MzU0IiwidmVyc2lvbiI6ImF1dG8iLCJ1aWkiOiJ1aWki)

**Verified  
Certificate**



Michael Lohmeyer

Director, Training and Certification

A Pacific World Services (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued on 06/07/2022

Valid Certificate ID  
[7ed11872699712d939e633643ee4818872e](#)

**Verified  
Certificate**



**Manish Khatke**

Director, Testing and Certification  
Amazon Web Services (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 7, 2023

Valid Certificate ID  
[d31f2c2e876814244e48364d01871a1956](#)



**Verified  
Certificate**

HarvardX

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**PH526x: Using Python for Research**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



John Peter D'Onofrio  
Associate Professor of Biostatistics  
Harvard University



Verified Certificate  
Issued July 13, 2021

Valid Certificate ID  
[ce0b2808c643c8b6d037e6a7360746](#)

# Verified Certificate




This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Deepa Sankaranarayanan  
Data Scientist  
IBM



Verified Certificate  
Issued February 08, 2021

Valid Certificate ID  
<https://verify.edx.org/certificate/ibm-py0101en-rupan-biswas>

**Verified**  
Certificate



**Mounir Khatib**  
Director, Training and Certification  
Amazon Web Services (AWS)

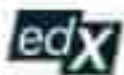
This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**OTP-AWSD9: Migrating to the AWS Cloud**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued October 27, 2023

Valid Certificate ID  
<https://www.credentialed.com/verify/100125-2430>

# Verified Certificate



This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cybil Ross'.

Cybil Ross  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 23, 2021

Valid Certificate ID  
[ee0ba57b0b74a2c933b17597d8a6d14](#)

**Verified  
Certificate**



**Manish Khatke**

Director, Training and Certification

Amazon Web Services (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD14: Introduction to  
Designing Data Lakes on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued October 30, 2023

Valid Certificate ID  
[d77731e25e6114e682e7e264987a0081](#)



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Khatib".

**Mounir Khatib**

Director, Training and Certification

Alexam Work Advisor (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**AWS-DEV-13: Building Modern .NET  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued October 30, 2023

Valid Certificate ID  
[15b54b3d12e497685e4e320e48e17](#)

# Verified Certificate

HarvardX



Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**PH125.3x: Data Science: Probability**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate

Issued June 7, 2022

Valid Certificate ID

[7c5e17e2e17e873082a403e5e2e1778](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Mounir Lougega".

**Mounir Lougega**

Director, Training and Certification

Azure and AWS Services (AAST)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued April 03, 2023

Valid Certificate ID  
[DAB216b219c84096e6e164c78096e71](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Muneer Siddiqui".

**Muneer Siddiqui**

Director, Testing and Certification

Amazon Web Services (AWS)

This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**OTP-AWSD10: Building Modern Node.js  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued October 05, 2023

Valid Certificate ID  
[331c320d963a488f8649f56273440b1e](https://www.certificateid.com/331c320d963a488f8649f56273440b1e)

# Verified Certificate



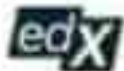
This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

a course of study offered by TUMx, an online learning initiative of Technical University of Munich.



Verified Certificate  
issued January 17, 2021

Verify Certificate ID  
<https://verify.edx.org/247098206420109200666>



# Verified Certificate



This is to certify that

**RUPAN BISWAS**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of IBM.

*Cristina Kythompson*

Cristina Kythompson

Program Manager, IBM Security Learning Services

IBM



Verified Certificate  
issued June 7, 2022

Valid Certificate ID  
[4822032534a60eac5818a9ff872503](#)



अंतरिक्ष विभाग / DEPARTMENT OF SPACE,  
भारत सरकार / GOVERNMENT OF INDIA  
भारतीय अंतरिक्ष अनुसंधान संगठन / INDIAN SPACE RESEARCH ORGANISATION  
भारतीय सुदूर संवेदन संस्थान, देहरादून / INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN



नामांकन सं. / Enrolment No. : 20221001557180

## CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. RUPAN BISWAS**

को " मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा "

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 ( कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट ) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केन्द्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. RUPAN BISWAS**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

Date: 20-07-2022

Place: Dehradun

UID: e402a246c3a276ca801aaedd5f67022f. This Certificate can be validated using URL- <https://certificate.links.gov.in/>

समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution

निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun



# Georgia Institute of Technology

Dec 31, 2020

**RUPAN BISWAS**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/5GjGTLLZ22142](https://coursera.org/verify/5GjGTLLZ22142)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

Jan 9, 2025

**Ranajit Das**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/PJHD63CPKAL6](https://coursera.org/verify/PJHD63CPKAL6)

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

21-May-2022

**Ranajit Das**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/8XZ37F085K07>

Coursera has verified the identity of this individual and their participation in the course.





May 22, 2021

**Ranajit Das**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

Ranajit Das  
McCombs School of Business  
Columbia University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/IBSB@MITXSC>

Coursera has certified the identity of this individual and their participation in the course.



May 26, 2022

**Ranajit Das**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera.

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/911f20f34452c>

Coursera has certified the identity of this individual and their participation in the course.



## COURSE CERTIFICATE

May 26, 2022

**Ranajit Das**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



A handwritten signature in black ink, appearing to read "Jonathan S. Hens".

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/US8A1WZV5T7Q](https://coursera.org/verify/US8A1WZV5T7Q)

Coursera has confirmed the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree, establish a relationship between this learner and PhD (word) or  
right or title learner at PhD or to any course offered by PhD or access this learner to access or use resources beyond the online courses provided by Coursera



May 26, 2022

**Ranajit Das**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink, appearing to read 'Andrew Ng', written over a horizontal line.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TNG&EMRA3UD>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-6f7733d4-682b-4c74-9bc7-a19292194baf

Certificate url: [ude.my/UC-6f7733d4-682b-4c74-9bc7-a19292194baf](https://ude.my/UC-6f7733d4-682b-4c74-9bc7-a19292194baf)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Django And Flask Framework Full-Stack Course

Instructors **Horizon Tech**

## Ranjit Das

Date **May 9, 2023**

Length **14.5 total hours**





Certificate no: UC-eee8bc89-7e24-43d3-90df-a6902cafd827

Certificate url: [ude.my/UC-eee8bc89-7e24-43d3-90df-a6902cafd827](https://udemy.com/certificate/UC-eee8bc89-7e24-43d3-90df-a6902cafd827)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

## Ranjit Das

Date **May 11, 2023**

Length **128 total hours**



Apr 9, 2023

Ranajit Das

has successfully completed

Object-Oriented Data Structures in C++

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera

A handwritten signature in black ink, appearing to read 'Wade Pappas'.

Wade Pappas, UMich  
Teaching Assistant Professor  
Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TVBM71203G2K>

Coursera has confirmed the identity of this individual and their participation in the course.



May 9, 2007

**Ranajit Das**

has successfully completed

**Introduction to Personal Branding**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

A handwritten signature in black ink that reads "Kimberly A. Becker".

Kimberly A. Becker, MEd  
Manager for Technology Resources & Computing  
Claude Moore Health Sciences Library

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/C1857HVU0H9D>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-77126851-a499-470d-a12c-34c0fda7d91a

Certificate url: [ude.my/UC-77126851-a499-470d-a12c-34c0fda7d91a](https://ude.my/UC-77126851-a499-470d-a12c-34c0fda7d91a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Ranjit Das

Date **May 9, 2023**

Length **8 total hours**





Certificate no: UC-2711370b-385c-4c9e-acbf-6085e688ac82

Certificate url: [ude.my/UC-2711370b-385c-4c9e-acbf-6085e688ac82](https://ude.my/UC-2711370b-385c-4c9e-acbf-6085e688ac82)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures Algorithm DSA | Python+Javascript LEETCODE

Instructors **Jackson Kailath**

## Ranjit Das

Date **May 18, 2024**

Length **40 total hours**





View all skills

**SUBHANGANI JHA**

All assignments completed

**A Life of Happiness and Fulfillment**

an online course made possible by the rich network of business and cultural thought leaders

*Rajiv S. Kapur*

Executive Director, IIM  
Rajiv S. Kapur  
www.rajivskapur.com

**COURSE  
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Verifies the completion of a course by an individual  
Coursera is not affiliated with any other educational institution  
participating in the program



For J. 2020

**SUBHANGANI JHA**

has successfully completed

**Write Professional Emails in English**

issued by successful course completion by Georgia Institute of Technology and offered through Coursera.

  
Signature  
Date  
Institution

**COURSE  
CERTIFICATE**



With an active digital ID on record,  
this certificate can be verified at <https://www.coursera.org/certificate-verification>

**Verified**  
Certificate



This is to certify that

**SUBHANGANI JHA**

*successfully completed and received a passing grade in*

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Sankaranarayanan  
Data Scientist

IBM



Verified Certificate  
Issued July 21, 2021

Valid Certificate ID  
[35357c58808c418e6c487c80c938c77ed](#)

**Verified  
Certificate**



Technische Universität München

This is to certify that

**SUBHANGANI JHA**

successfully completed and received a passing grade in

**AWMEx: Academic Writing Made Easy**

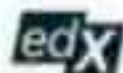
a course of study offered by TUMx, an online learning  
initiative of Technical University of Munich.



Prof. Dr. Annette Witten  
Head of English  
TUM Language Center



Dr. Annette Witten  
Lecturer  
TUM Language Center



Verified Certificate  
Issued January 11, 2021

Valid Certificate ID  
<https://www.edx.org/verify/certificate/4715611>





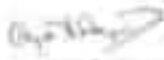




**Verified  
Certificate**



This is to certify that

  
Datta Anand  
SVP and General Manager, Training & Certification  
The Linux Foundation

**SUBHANGANI JHA**

successfully completed and received a passing grade in

**LFS167x: Introduction to Jenkins**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 28, 2022

Verify Certificate ID  
<https://verify.linuxfoundation.org/001>



May 19, 2021

**SUBHANGANI JHA**

has successfully completed

**C++ Basics: Selection and Iteration**

in this online self-paced course authorized by Coursera and offered through Coursera

**COURSE  
CERTIFICATE**



Andrew Lee  
Executive Director  
Coursera

Elliott M. Smith  
Executive Director  
Coursera

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[www.coursera.org/verify/certificates](https://www.coursera.org/verify/certificates)

This being the certificate of the identity of this individual, and their participation in the course.



UNIVERSITY OF MINNESOTA  
Driven to Discover™

April 16, 2020

**SUBHANGANI JHA**

has successfully completed

**Creative Problem Solving**

an online course offered by University of Minnesota and offered through  
Coursera

Paul H. Paus, PhD  
Vice-Chancellor  
University of Minnesota

Jay Bybee, Ph.D.  
Associate Professor  
School of Design, Business, and Society

COURSE  
CERTIFICATE



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<https://www.coursera.org/certificate/30071062018>

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# Verified Certificate

We wish to certify that

**SUBHANGANI JHA**

successfully completed and received a passing grade in

**LF5151.x: Introduction to Cloud Infrastructure Technologies**

a course of study offered by LinuxFoundationX, an award-winning initiative of The Linux Foundation.



A handwritten signature in black ink, appearing to read 'Chris Englund'.

**Chris Englund**

Executive Director, Training and Skills  
Linux Foundation



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# Verified Certificate

This is to certify that

**SUBHANGANI JHA**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an active learning initiative of AWS.



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University. © 2017



**Madhu Ganapath**

Principal, Cloud Security  
AWS, Amazon.com, Inc.



Certificate no: UC-5e66e9d6-23f4-42a8-84ab-411c633b89db

Certificate url: [udemy.com/UC-5e66e9d6-23f4-42a8-84ab-411c633b89db](https://udemy.com/UC-5e66e9d6-23f4-42a8-84ab-411c633b89db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Market Research | Complete Marketing Research Course 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## **Arijit Hazra**

Date **March 11, 2023**

Length **13 total hours**



Certificate no: UC-396dab6a-0604-4d35-8454-0c277b4489e1

Certificate url: [uda.my/UC-396dab6a-0604-4d35-8454-0c277b4489e1](https://uda.my/UC-396dab6a-0604-4d35-8454-0c277b4489e1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python3: From Beginner to Pro

Instructors **Murthy Karra PhD**

## Arijit Hazra

Date **Feb. 2, 2023**

Length **30 total hours**



Certificate no: UC-c4f08846-b5b2-486b-8259-e3d2b4e81f4d  
Certificate url: [ude.my/UC-c4f08846-b5b2-486b-8259-e3d2b4e81f4d](https://ude.my/UC-c4f08846-b5b2-486b-8259-e3d2b4e81f4d)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors **Linguae Learning, Linguae Teaching Assistant**

## Arijit Hazra

Date **April 29, 2022**

Length **45 total hours**





Certificate no: UC-4b23b0bc-a564-46b4-8d1c-cd968b2a1328  
Certificate url: [ude.my/UC-4b23b0bc-a564-46b4-8d1c-cd968b2a1328](https://ude.my/UC-4b23b0bc-a564-46b4-8d1c-cd968b2a1328)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Power BI - Curso de Power BI Desktop

Instructors **Javier Gomez, datdata – Cursos**

## Arijit Hazra

Date **May 1, 2022**

Length **24 total hours**



Certificate no: UC-c63e53d9-a668-4179-8cd5-3020be7c6475

Certificate url: [ude.my/UC-c63e53d9-a668-4179-8cd5-3020be7c6475](https://ude.my/UC-c63e53d9-a668-4179-8cd5-3020be7c6475)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Functional Skills Math Level 2

Instructors **Ruchi Chhabra**

## Arijit Hazra

Date **May 2, 2022**

Length **14 total hours**



Certificate no: UC-74298ea5-acf3-4567-be4d-a9f145107d4f  
Certificate url: [ude.my/UC-74298ea5-acf3-4567-be4d-a9f145107d4f](https://udemy.com/UC-74298ea5-acf3-4567-be4d-a9f145107d4f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Technical Java Interview Prep for IT professionals

Instructors **Benji Bogush**

## Arijit Hazra

Date **April 30, 2022**

Length **11.5 total hours**



Certificate no: UC-fa045c58-5592-4372-ba85-af1ed9d28e90

Certificate url: [ude.my/UC-fa045c58-5592-4372-ba85-af1ed9d28e90](https://ude.my/UC-fa045c58-5592-4372-ba85-af1ed9d28e90)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Enterprise Application Development Masterclass using Java

Instructors **Yasas Sri Wickramasinghe**

**Arijit Hazra**

Date **May 1, 2022**

Length **9.5 total hours**





## Certificate of Achievement

# Arijit hazra

has completed the following course:

### PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



Audrey Bellier  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Masoufian

Alliance for Child Protection in Humanitarian Action  
Coordinator

The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE**  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION





## Arijit hazra

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks

## ACTIVITY DETAILS OF PARTICIPANT

Course Name : Vedic Texts and Grammar Batch 01

Course Duration : 365 Days

Participant Name : Arjit

Participant Email ID : arjith695@gmail.com

Course Type : Self Paced

Report Generated At : 20 Mar 2023 07:43 PM

**Result: Pass**

---



Certificate no: UC-d8b4c3ad-fdeb-4168-9958-a178c6bace97

Certificate url: [ude.my/UC-d8b4c3ad-fdeb-4168-9958-a178c6bace97](https://ude.my/UC-d8b4c3ad-fdeb-4168-9958-a178c6bace97)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Flutter & Firebase Chat App: Master Flutter and Firebase

Instructors **Hussain Mustafa**

**Kushan Prasad**

Date **May 12, 2024**

Length **10.5 total hours**



Certificate no: UC-1d4a3dca-b80c-48ff-888d-a259802c6732

Certificate url: [ude.my/UC-1d4a3dca-b80c-48ff-888d-a259802c6732](https://ude.my/UC-1d4a3dca-b80c-48ff-888d-a259802c6732)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Node.js and Beyond: The Complete Developer Bootcamp

Instructors **Aymen el kani**

**Kushan Prasad**

Date **May 12, 2024**

Length **14 total hours**





Certificate no: UC-63254876-64e4-42f5-b895-0398aad08541

Certificate url: [ude.my/UC-63254876-64e4-42f5-b895-0398aad08541](https://udemy.com/certificate/UC-63254876-64e4-42f5-b895-0398aad08541)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Kushan Prasad**

Date **May 12, 2024**

Length **40 total hours**





Certificate no: UC-6a9d02f3-b404-4f4e-bf06-10bbbb79a22b

Certificate url: [ude.my/UC-6a9d02f3-b404-4f4e-bf06-10bbbb79a22b](https://ude.my/UC-6a9d02f3-b404-4f4e-bf06-10bbbb79a22b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

## Kushan Prasad

Date **May 12, 2024**

Length **18.5 total hours**



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOUMI MAJI**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **54** %

Online Assignments	17.97/25	Proctored Exam	36.44/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**  
Chairperson,  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





ISB 01.2014

**Sanjukta Dutta**

Executive Director

**A Life of Happiness and Fulfillment**

an online executive program co-developed by Indian Institute of Business and Coursera

*Rajiv C. Kumar*

Executive Director  
ISB  
Gurgaon, India

**COURSE  
CERTIFICATE**



www.coursera.org/indianinstituteofbusiness  
This certificate is awarded to the holder of this certificate and may  
be used for professional purposes.



June 11, 2018

**Sanjukta Dutta**

has successfully completed

**Write Professional Emails in English**

provided the necessary evidence to receive a certificate of achievement and related  
through Coursera.

Sanjukta Dutta  
Instructor  
Writing Center

**COURSE  
CERTIFICATE**



Georgia Institute of Technology  
1000 Technology Square, Atlanta, GA 30332  
(404) 875-6200

# Verified Certificate

 UNIVERSITY OF WASHINGTON

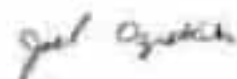
This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Joel Dreyfus

Deputy Director of English Language Programs  
University of Washington



Verified Certificate  
Issued February 3, 2022

Unique Certificate ID  
64P9kukhveC7u6Lz67Sakwz1734



# Verified Certificate

This is verified by me

**Sanjukta Dutta**

Successfully completed and passed a learning plan for

**PYD101EN: Python Basics for Data Science**

awards an extra 50% bonus, 50% of your learning credits of 500



edX  
Harvard University  
MIT

IBM  
Academy  
Digital Skills

**IBM**

*Sanjukta Dutta*  
Sanjukta Dutta  
Sanjukta Dutta

**Udemy**

CERTIFICATE OF COMPLETION

# Complete FL Studio Megacourse: Beginner to Expert

instructor: Creativity Unleashed

**Sanjukta Dutta**

Date: May 24, 2020

Length: 16h 45min



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CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors: Stanislav Avdeyev

**Sanjukta Dutta**

Date: March 2nd, 2022  
Length: 38 total hours



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CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors: Sam Colman-Burns, Learn IT University, André Polakke

**Sanjukta Dutta**

Date: June 8, 2022  
Length: 37 total hours



**Verified Certificate**



This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**AI101TEN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Anand Sankar  
Global Data Science Program Director  
IBM



Verified Certificate  
Issued May 15, 2022

IBM Certificate ID  
2022051514752200000000000000000000

**Verified Certificate**



This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python Applications on AWS**

a course of study offered by AWS, an online learning initiative of AWS.



Anand Sankar  
Head of Training and Certification  
Amazon Data Services (AWS)



Verified Certificate  
Issued May 15, 2022

AWS Certificate ID  
2022051514752200000000000000000000

**Verified  
Certificate**



This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtorX, an online learning initiative of University of Washington.

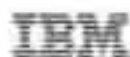
Executive Director, Center for Information Assurance and  
Cybersecurity  
University of Washington  
University of Washington Center of Applied Learning



Verified Certificate  
Issued May 12, 2023

Valid Certificate ID  
00000000000000000000000000000000

**Verified  
Certificate**



This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**DL0101EN: Deep Learning Fundamentals with Keras**

a course of study offered by IBM, an online learning initiative of IBM.

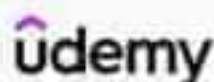
Executive Director  
IBM SkillsBuild  
IBM SkillsBuild



Verified Certificate  
Issued May 12, 2023

Valid Certificate ID  
00100100000000000000000000000000





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CERTIFICATE OF COMPLETION

# The Complete Microsoft Word Course: Master Microsoft Word

Instructors: Joe ElMagari, TJ Walker, Media Training Worldwide Digital

**Sanjukta Dutta**

Date: May 13, 2023  
Length: 8.5 total hours

8/1000 31 34 40

Udemy.com/course/997860/learn/1-48

**Verified  
Certificate**



This is to certify that

**Sanjukta Dutta**

successfully completed and received a passing grade in

**LFS165x: Introduction to Open Source  
Networking Technologies**

a course of study offered by LinuxFoundation®X, an online learning initiative of The Linux Foundation.

DVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 13, 2023

Udemy Exam ID  
2U262C2U262C2U262C2U262C2U



Certificate ID: 6454545-1045-4567-8910-12345678901  
Certificate URL: [https://www.udacity.com/certificate/6454545-1045-4567-8910-12345678901](#)  
Enrollment Number: 1234

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson**

## Labanya Sau

Date **May 25, 2022**

Length **71 total hours**



Certificate No. UC-8284568-2022-4423-4102-4102423456  
Certificate URL: <https://www.udemy.com/certificate/UC-8284568-2022-4423-4102-4102423456/>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: **Hassan Fuleih**

## Labanya Sau

Date: **May 26, 2022**

Length: **10 total hours**



Certificate ID: UC9F856274646-4087-4040-80000000000000000000  
Certificate URL: <https://www.udacity.com/certificate/UC9F856274646-4087-4040-80000000000000000000>  
Issuing Month: 2022

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Labanya Sau**

Date **June 2, 2022**

Length **12 total hours**



Certificate ID: UC-84867868-8436-4636-4766-803678686868  
Certificate URL: udemy.com/certificate/verify-credential/UC-84867868-8436-4636-4766-803678686868  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

## Labanya Sau

Date **May 31, 2022**

Length **10 total hour**





Certificate of Completion with Hours Accredited by  
Udacity of California (Udacity) and the  
University of California (Udacity)  
Course Number: 2021

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Labanya Sau

Date: **May 31, 2022**

Length: **45 total hours**



Certificate no. UC-5879261-9382-4024-1487762614884  
Certificate url: udemy.com/UC-5879261-9382-4024-1487762614884  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Labanya Sau

Date **March 19, 2023**

Length **32 total hours**

**coursera**  
project  
network

Feb 9, 2024

**Labanya Sau**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Siegfried  
Senior Manager  
Global Market Access  
Executive Learning Group

**PROJECT  
CERTIFICATE**



Verify at:  
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Certificate no: UC-65369272-PTT-4425-985-FC38c77e4229  
Certificate url: <https://uc-65369272-PTT-4425-985-FC38c77e4229>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors **Marcus Menti, Zechariah Tech**

## Labanya Sau

Date **April 20, 2024**

Length **17 total hours**

**coursera**  
project  
network

Feb 3, 2014

**Labanya Sau**

has successfully completed

**Gamification Learning with Genially**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Rachal Lindsey*

Subject Matter  
Expert  
Acad. Practitioner

**PROJECT  
CERTIFICATE**



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This seal has confirmed the identity of the individual and their  
contribution to the project.







**Verified  
Certificate**



This is to certify that

**SURABHI MONDAL**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD16: AWS Cloud Technical Essentials**

a course of study offered by AWS, an online learning initiative of AWS.

*Praveen Kumar*  
Praveen Kumar  
Senior, Training and Certification  
Associate Director (ATD)



Verified Certificate  
Issued February 10, 2022

Valid Certificate ID  
<https://aws.amazon.com/education/verified-certificate/>

**Udemy**

Udemy is an online platform that offers a wide range of courses and programs. It is a leading provider of online education and has helped millions of people learn new skills and advance their careers.

CERTIFICATE OF COMPLETION

# Time Series Analysis and Forecasting using Python

Instructor: **Stack Tech Academy**

**Surabhi Mondal**

Date: April 28, 2022  
Length: 12.8 total hours

**Verified  
Certificate**



This is to certify that

**SURABHI MONDAL**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner Essentials**

a course of study offered by AWS, an online learning initiative of AWS.

  
Nicole Lohrke  
Senior Training and Certification  
Specialist, AWS Services (2022)



Verified Certificate  
Expires February 15, 2025

Valid Certificate ID  
00000000000000000000000000000000

**Verified  
Certificate**



This is to certify that

**SURABHI MONDAL**

successfully completed and received a passing grade in

**LP5150x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationK, an online learning initiative of The Linux Foundation.

  
Steve Reinhardt  
VP of Global Business Training & Certification  
The Linux Foundation



Verified Certificate  
Expires May 25, 2025

Valid Certificate ID  
00000000000000000000000000000000

## Verified Certificate




This is to certify that

**SURABH MONDAL**

successfully completed and received a passing grade in

**OTP-AWSDS: AWS IoT: Developing and Deploying an Internet of Things**

a course of study offered by AWS, an online learning initiative of AWS.

  
Anil Kumar  
AWS Training and Certification  
Director AWS Services India



Verified Certificate  
Issued July 24, 2021

Issue Certificate ID:

00000000-0000-0000-0000-000000000000

## Verified Certificate



This is to certify that

**SURABH MONDAL**

successfully completed and received a passing grade in

**LFST70x: Blockchain: Understanding its Uses and Implications**

a course of study offered by Linux Foundation, an online learning initiative of The Linux Foundation.

  
Anil Kumar  
LPI & Linux Foundation Training & Certification  
Director Linux Foundation



Verified Certificate  
Issued Aug 11, 2021

Issue Certificate ID:

00000000-0000-0000-0000-000000000000



**Verified  
Certificate**



This is to certify that

**SURABHI MONDAL**

successfully completed and received a passing grade in

**Cyberfun 1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning initiative of  
IBM.

*Deepa Kulkarni*

Learning Manager, IBM Security Learning Services  
IBM



Verified Certificate  
Issued May 24, 2022

Valid Certificate ID:  
20220524000000000000000000000000



Issued to:

**SURABHI MONDAL**

Surabhi Mondal

**A life of Happiness and Fulfillment**

Surabhi Mondal is a professional and a leader in the field of Business and Technology.

*Deepa Kulkarni*

Learning Manager  
IBM Security Learning Services  
IBM

COURSE  
CERTIFICATE



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THE UNIVERSITY  
of EDINBURGH



COURSE  
CERTIFICATE

has been issued to

**SURABHI MONDAL**

has successfully completed

**Code Yourself: An Introduction to Programming**

in which your performance, as assessed by the University of Edinburgh and Coursera, has  
been recognised as being of a high standard.



Registrar,  
The University of Edinburgh,  
The King's Buildings, Edinburgh

Director of the Centre for Open and Flexible Learning,  
The University of Edinburgh

This certificate is valid for the duration of the course.  
The University of Edinburgh and Coursera are not responsible for the content of the course.  
For more information, please contact the Registrar.















Fall, 2022

**SUMAN SAMANTA**

has successfully completed

**Python and Statistics for Financial Analysis**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Suman Samanta', written over a horizontal line.

Suman Samanta  
Associate Professor  
Department of Information Systems, Business Statistics and Operations Management

**COURSE  
CERTIFICATE**



Verify at:  
[https://coursera.org/verify/SD\\_2HSRZ6REY](https://coursera.org/verify/SD_2HSRZ6REY)

Coursera has confirmed the identity of the individual and their  
completion of the course.



Apr 1, 2022

Suman Samanta

has successfully completed

Understanding and Visualizing Data with Python

An online non-credit course authorized by University of Michigan and offered through Coursera

Three handwritten signatures in black ink, stacked vertically. The first signature is the most legible and appears to be 'Suman Samanta'.

Suman Samanta, Ph.D., Lecturer IV

Saty Shrivastava, Ph.D., Professor

Joel W. Pritchard, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/67L7GV7LMWYA>

Coursera has confirmed the identity of this individual and their participation in the course.

**UCI** University of  
California, Irvine

8 Apr, 2022

**SUMAN SAMANTA**

*has successfully completed*

**Introduction to the Internet of Things and  
Embedded Systems**

*an online non-credit course authorized by University of California, Irvine and offered  
through Coursera*



Professor  
Tapan  
Department of Computer Science

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TSMHRD19GV8>

Coursera has confirmed the issuance of this credential and that  
participation in the course.





Certificate no: UC-8220d87-e093-4018-b11c-32a440049b  
Certificate url: [www.udemy.com/certificate/UC-8220d87-e093-4018-b11c-32a440049b](https://www.udemy.com/certificate/UC-8220d87-e093-4018-b11c-32a440049b)  
Reference number: 0004

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: **Andrii Piatakha**, Learn IT University

**Suman Samanta**

Date: **May 30, 2022**

Length: **29.5 total hours**



Certificate no: UC-8105b203-1035-473c-8a6d7-59492c4e4a06  
Certificate url: udemy/UC-8105b203-1035-473c-8a6d7-59492c4e4a06  
Reference number: 0004

CERTIFICATE OF COMPLETION

# Java Test Automation Engineer - from Zero to Hero

Instructors: **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

**Suman Samanta**

Date: **March 19, 2023**

Length: **12.5 total hours**



Certificate no: UC-25a903a0-5fca-4641-a562-5ad0a440206c  
Certificate url: udemy/UC-25a903a0-5fca-4641-a562-5ad0a440206c  
Reference number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: **Robert (Bob) Steele**

**Suman Samanta**

Date: **May 13, 2022**

Length: **22 total hours**



Certificate no: UC-c7925c3-6032-4d98-b9e6-342a03b40c6  
Certificate url: [www.udacity.com/certificate/UC-c7925c3-6032-4d98-b9e6-342a03b40c6](https://www.udacity.com/certificate/UC-c7925c3-6032-4d98-b9e6-342a03b40c6)  
Reference number: 0004

CERTIFICATE OF COMPLETION

# Google Workspace (G Suite) Ultimate Guide

Instructors: **Josh Werner**, **Learn Tecc**

**Suman Samanta**

Date: **Feb. 8, 2024**

Length: **15 total hours**



Certificate no: UC-4052944-4326-4076-5022-0736927756e  
Certificate url: [udemy.com/certificate/UC-4052944-4326-4076-5022-0736927756e](https://udemy.com/certificate/UC-4052944-4326-4076-5022-0736927756e)  
Reference number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors: **Horizon Tech**

**Suman Samanta**

Date: **March 19, 2023**

Length: **9.5 total hours**





Certificate no: UC-8d773d9e-c941-4c39-b93d-91721c7f07ee

Certificate url: <https://www.udemy.com/certificate/UC-8d773d9e-c941-4c39-b93d-91721c7f07ee>

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java, Python And PHP Programming In One Complete Course

Instructors **Global Code Institute**

**Suman Samanta**

Date **April 28, 2022**

Length **10 total hours**



Certificate no. UD-4881c7d8-7c5-4ca4-a55e-8b44c18838a  
Certificate url: [www.udemy.com/certificate/UD-4881c7d8-7c5-4ca4-a55e-8b44c18838a](https://www.udemy.com/certificate/UD-4881c7d8-7c5-4ca4-a55e-8b44c18838a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

**Suman Samanta**

Date **May 16, 2023**

Length **29 total hours**



Certificate no: UC-85480771-3aa3-4e05-a291-30fa2b040be1  
Certificate url: [www.udemy.com/certificate/UC-85480771-3aa3-4e05-a291-30fa2b040be1](https://www.udemy.com/certificate/UC-85480771-3aa3-4e05-a291-30fa2b040be1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

**Suman Samanta**

Date **May 11, 2022**

Length **8.5 total hours**



Certificate no: UC-BbaeD33a-59cb-48d1-4652-5a906449200a  
Certificate url: udemy.com/UC-BbaeD33a-59cb-48d1-4652-5a906449200a  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Suman Samanta**

Date **May 13, 2022**

Length **22 total hours**







Certificate ID: 6454545-1045-4575-4575-4575-0101  
Certificate ID: 6454545-1045-4575-4575-4575-0101  
Software Version: 1024

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson**

## Labanya Sau

Date **May 25, 2022**

Length **71 total hours**



Certificate No. UC-82846464-2024-4423-4233-4233-4233-4233  
Certificate URL: <https://www.udacity.com/certificate/UC-82846464-2024-4423-4233-4233-4233-4233>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: **Hassan Fuleih**

## Labanya Sau

Date: **May 26, 2022**

Length: **10 total hours**



Certificate ID: UC-9078567-8901-2345-6789-012345678901  
Certificate URL: [https://www.udacity.com/certificate/UC-9078567-8901-2345-6789-012345678901](#)  
Issuing Month: 2022

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Labanya Sau**

Date **June 2, 2022**

Length **12 total hours**



Certificate ID: UC-48487681-4436-4636-4766-003676400049  
Certificate URL: udemy.com/certificate/award-48487681-4436-4636-4766-003676400049  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

**Labanya Sau**

Date **May 31, 2022**

Length **10 total hour**



Certificate of Completion with Hours Accredited by  
Udacity of California, Institute for Learning Technology  
Certificate Number: 2024

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Labanya Sau

Date: **May 31, 2022**

Length: **45 total hours**





Certificate no. UC-5879261-9382-4024-1487702614884  
Certificate url: udemy.com/UC-5879261-9382-4024-1487702614884  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Labanya Sau

Date **March 19, 2023**

Length **32 total hours**

**coursera**  
project  
network

Feb 9, 2024

**Labanya Sau**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Siegfried  
Senior Manager  
Global Market Access  
Executive Learning Group

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2XSGT0UWV50E>

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Certificate no: UC-85889272-F771-963-809-838c77e4229  
Certificate url: <https://www.udacity.com/certificate/UC-85889272-F771-963-809-838c77e4229>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors **Marcus Menti, Zechariah Tech**

## Labanya Sau

Date **April 20, 2024**

Length **17 total hours**

**coursera**  
project  
network

Feb 3, 2014

**Labanya Sau**

has successfully completed

**Gamification Learning with Genially**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Rachal Lindsey*

Subject Matter  
Expert  
Acad. Director

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/238M72C5C124>

This seal has confirmed the identity of this individual and their  
participation in the project.



Certificate no UC-43c7228-e89e-403a-8c22-984aaf726127  
Certificate url [udemy.com/UC-43c7228-e89e-403a-8c22-984aaf726127](https://udemy.com/UC-43c7228-e89e-403a-8c22-984aaf726127)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development | Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Anuj Kr Singh**

Date: **April 11, 2023**

Length: **11 total hours**





Certificate no: UC-07887946-2423-4892-264-73022841613  
Certificate url: <https://www.udacity.com/certificate/UC-07887946-2423-4892-264-73022841613>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors **Horizon Tech**

**Anuj Kr Singh**

Date **April 10, 2023**

Length **12 total hours**



Certificate no: UC-Michelle-2031-4e78-8890-e04a6d9d2771  
Certificate url: udemy/CU-602a688e-2031-4e78-8890-e04a6d9d2771  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: **PROPER DOT INSTITUTE**

**Anuj Kr Singh**

Date: **April 10, 2023**

Length: **8 total hours**



Certificate url: UC-d38710ac7-719b-4c5f-ad8a-f0f8a26b44e0  
Certificate url: udemy/UC-d38710ac7-719b-4c5f-ad8a-f0f8a26b44e0  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# Python And Django Framework For Beginners Complete Course

Instructors: **Horizon Tech**

**Anuj Kr Singh**

Date: **April 12, 2023**

Length: **13 total hours**



Certificate no: UC-9d72ca27-c928-4631-97ca-2f028616d8ba  
Certificate url: [udemy.com/UC-9d72ca27-c928-4631-97ca-2f028616d8ba](https://udemy.com/UC-9d72ca27-c928-4631-97ca-2f028616d8ba)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors: Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy

**Anuj Kr Singh**

Date **May 4, 2023**

Length **47 total hours**



3 Jun, 2023

Ankan Ghosh

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', with a long horizontal line extending to the right.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WW5H7YN82XCE>

Coursera has certified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Dec 13, 2022

**Ankan Ghosh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/2CS6M88NVLH2](https://coursera.org/verify/2CS6M88NVLH2)

Coursera has verified the identity of this individual and their participation in the course.



9 Jan, 2023

**Ankan Ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EGwCTH0Hh7GU>

Coursera has certified the identity of this individual and their  
participation in the course.



## COURSE CERTIFICATE

3 Jan, 2023

# Ankan Ghosh

has successfully completed

## Psychological First Aid

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Jonathan S. Hensler  
Associate Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

Verify at:  
[coursera.org/verify/55FLC08E00H6](https://coursera.org/verify/55FLC08E00H6)

Coursera has confirmed the identity of the individual and their  
participation in the course.

This certificate does not affirm that the learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between the learner and PhD (word) or  
right or title learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera.



1 Jun, 2023

**Ankan Ghosh**

has successfully completed

**Hacking Exercise For Health. The surprising new science of fitness.**

an online non-credit course authorized by McMaster University and offered through Coursera

A handwritten signature in black ink, appearing to read "Martin Ghisla".

Martin Ghisla, Susan Phillips  
Department of Kinesiology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MHFT8PVMF99>

Coursera has confirmed the identity of this individual and their participation in the course.



3 Jan, 2023

**Ankan Ghosh**

has successfully completed

**AI For Everyone**

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads 'Andrew Ng'.

Andrew Ng  
Founder, DeepLearning.AI  
Co-founder, Coursera

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/488068k5P705>

Coursera has certified the identity of this individual and their participation in the course.





May 13, 2023

**Ankan Ghosh**

has successfully completed

**Introduction to Cloud Computing**

an online non-credit course authorized by IBM and offered through Coursera

Ankan Ghosh  
Global Program Director  
Skills Network

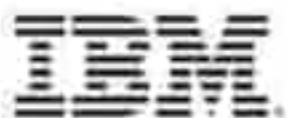
**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/IBSAU3CF7A32E>

Coursera has confirmed the identity of this individual and their participation in the course.



May 8, 2007

**Ankan Ghosh**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

*Terryl Puckett*

Terryl Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/20FAAC0873F5>

Coursera has verified the identity of this individual and their participation in the course.

# CALARTS

8 May, 2023

Ankan Ghosh

has successfully completed

Plan a Successful Freelancing Business

an online non-credit course authorized by California Institute of the Arts and offered through Coursera.

*Tatiana J. Mulry*

Tatiana Mulry  
Faculty  
Executive Director

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/C4P8U78MT3FW>

Coursera has certified the identity of the individual and their participation in the course.



Certificate no: UC-19bae755-04d4-467a-843b-af10e17e7932

Certificate url: [ude.my/UC-19bae755-04d4-467a-843b-af10e17e7932](https://udemy.com/certificate/UC-19bae755-04d4-467a-843b-af10e17e7932)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Ankan Ghosh

Date **May 13, 2023**

Length **9.5 total hours**



Certificate no: UC-8288e189-907e-4671-9914-aaa66aa0c499  
Certificate url: [ude.my/UC-8288e189-907e-4671-9914-aaa66aa0c499](https://ude.my/UC-8288e189-907e-4671-9914-aaa66aa0c499)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Video Editing BootCamp Beginner to Advanced

Instructors **Marcus Menti, Zechariah Tech**

## Ankan Ghosh

Date **May 3, 2024**

Length **16 total hours**





Certificate no: UC-e5457d0c-25f8-4124-b340-c80b1a05d16c

Certificate url: [ude.my/UC-e5457d0c-25f8-4124-b340-c80b1a05d16c](https://udemy.com/certificate/UC-e5457d0c-25f8-4124-b340-c80b1a05d16c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Ankan Ghosh**

Date **May 3, 2024**

Length **40 total hours**



May 13, 2023

**Pranoy Chakraborty**

has successfully completed

**Introduction to Personal Branding**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

A handwritten signature in black ink that reads "Kimberly F. Fisher".

Kimberly F. Fisher, MEd  
Manager for Technology Resources & Computing  
Claude Moore Health Sciences Library

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/78EWE48N0WTE>

Coursera has certified the identity of this individual and their participation in the course.

# Yale

May 13, 2023

**Pranoy Chakraborty**

has successfully completed

**Introduction to Psychology**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Sloner  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/CPE8H6V29PFx>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-df6c8265-f7ec-465f-b2de-c22a8b7e28f2

Certificate url: [ude.my/UC-df6c8265-f7ec-465f-b2de-c22a8b7e28f2](https://ude.my/UC-df6c8265-f7ec-465f-b2de-c22a8b7e28f2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Pranoy Chakraborty

Date **May 9, 2023**

Length **9.5 total hours**





Certificate no: UC-88b36cd4-1b22-43ce-abca-b2a8dc5d89a8

Certificate url: [udemy.com/UC-88b36cd4-1b22-43ce-abca-b2a8dc5d89a8](https://udemy.com/UC-88b36cd4-1b22-43ce-abca-b2a8dc5d89a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

## Pranoy Chakraborty

Date **May 8, 2023**

Length **10 total hours**





Certificate no: UC-ce89d24f-2dde-4081-9fca-1715e0608762

Certificate url: [ude.my/UC-ce89d24f-2dde-4081-9fca-1715e0608762](https://www.udemy.com/certificate/UC-ce89d24f-2dde-4081-9fca-1715e0608762/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Electric Vehicles Comprehensive Course

Instructors **Dr. Muhammad Naeem**

**Pranoy Chakraborty**

Date **May 7, 2023**

Length **8.5 total hours**



Certificate no: UC-a675d8de-a5a3-408e-81f3-7371289b3545

Certificate url: [ude.my/UC-a675d8de-a5a3-408e-81f3-7371289b3545](https://ude.my/UC-a675d8de-a5a3-408e-81f3-7371289b3545)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Windows 11 Masterclass

Instructors **Jan Ekhteyari**

## Pranoy Chakraborty

Date **May 19, 2023**

Length **9 total hours**



Certificate no: UC-82500a7a-4e3c-450b-acde-63b18cbebb76

Certificate url: [ude.my/UC-82500a7a-4e3c-450b-acde-63b18cbebb76](https://ude.my/UC-82500a7a-4e3c-450b-acde-63b18cbebb76)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 200.000+ Students

## Pranoy Chakraborty

Date **May 8, 2023**

Length **8.5 total hours**

UC SANTA CRUZ

May 23, 2021

Pranoy Chakraborty

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera

*Ira Pohl*

Professor Ira Pohl, PhD  
Squire School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/ZT797A8W8V8W>

Coursera has certified the identity of this individual and their  
participation in the course.





THE UNIVERSITY  
*of* EDINBURGH

May 8, 2022

**Pranoy Chakraborty**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yulia Lomala, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/WAMUSCBH018>

Coursera has confirmed the identity of this individual and their  
participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 8, 2022

Pranoy Chakraborty

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/76X8QSGZT0M7Y>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

December 2022

**Pranoy Chakraborty**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/KW7962RKM5WG](https://coursera.org/verify/KW7962RKM5WG)

Coursera has confirmed the identity of this individual and their participation in the course.



May 16, 2023

**Pranoy Chakraborty**

has successfully completed

**Mindshift: Break Through Obstacles to Learning  
and Discover Your Hidden Potential**

an online non-credit course authorized by McMaster University and offered through  
Coursera

A handwritten signature in black ink, appearing to read "Richard Dabney".

Richard Dabney, Ph.D. V.P.  
Terry Seymour  
M.D., Optimize Team

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/Y8GC3865Gv9E>

Coursera has verified the identity of this individual and their  
participation in the course.



CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**Rick chatterjee**

Date **March 15, 2023**

Length **34 total hours**



Certificate ID: UC-0000000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/UC-0000000-0000-0000-0000-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Mastering PHP, MySQL and JavaScript for web developers

Instructors: **Metla Sudha Sekhar**

**Rick chatterjee**

Date: **May 5, 2024**

Length: **19.5 total hours**





Certificate ID: UC-876543-089-441-020-9203890x2  
Certificate URL: <https://www.udemy.com/certificate/UC-876543-089-441-020-9203890x2>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Graphics Design Bootcamp Beginner to Advanced

Instructors: **Marcus Menti, Zechariah Tech**

**Rick chatterjee**

Date **May 5, 2024**

Length **16 total hours**



Certificate no UC-4984990-4141-410-0110-1164220w021  
Certificate url <https://www.udemy.com/certificate/UC-4984990-4141-410-0110-1164220w021>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn MongoDB & Neo4j - Leading NoSQL Databases from scratch

Instructors **Sunil Kumar Gupta**

**Rick chatterjee**

Date **May 5, 2024**

Length **20.5 total hours**



Certificate No: UC-8832265-3255-445-982a-af1888a27e  
Certificate URL: udemy/certificate/UC-8832265-3255-445-982a-af1888a27e  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Entrepreneurship

Instructors: **MTF Institute of Management, Technology and Finance**

**Rick chatterjee**

Date **May 5, 2024**

Length **10.5 total hours**



Certificate ID: UC-37wA96a-2024-492-w46-226d3ba6276  
Certificate URL: <https://www.udacity.com/certificate/UC-37wA96a-2024-492-w46-226d3ba6276>  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Creating Twitch Clone - Practical MERN Stack Course

Instructors: **Marek Gryzkiewicz**

**Rick chatterjee**

Date: **May 15, 2024**

Length: **12 total hours**



Certificate ID: 6454880734524876 with 67494582381  
Certificate URL: [https://www.udacity.com/certificate/6454880734524876/67494582381](#)  
Enrollment Number: 10014

CERTIFICATE OF COMPLETION

# Complete Digital Marketing Course for Local Businesses 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Hazel Owens,  
Beck Robertson**

## Labanya Sau

Date **May 25, 2022**

Length **71 total hours**





Certificate No. UC-8284568-2022-4423-4102-4102423456  
Certificate URL: <https://www.udacity.com/certificate/UC-8284568-2022-4423-4102-4102423456>  
Reference Number: 0024

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors: **Hassan Fuleih**

## Labanya Sau

Date: **May 26, 2022**

Length: **10 total hours**



Certificate ID: UC-8078249-2446-4087-8046-8046  
Certificate URL: <https://www.udacity.com/certificate/UC-8078249-2446-4087-8046-8046>  
Issuing Month: 2022

CERTIFICATE OF COMPLETION

# **Figma UI/UX Web Design & Animation with 5 Projects (2022)**

Instructors **Ujjwal Singh**

## **Labanya Sau**

Date **June 2, 2022**

Length **12 total hours**



Certificate ID: UC-46467648-4436-4636-4636-000000000000  
Certificate URL: udemy.com/certificate/award-4636-4636-4636-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Email Monetization Mastery 2022

Instructors **Henry Zhang, Henry Zhang Support**

## Labanya Sau

Date **May 31, 2022**

Length **10 total hour**



Certificate of Completion with Hours Accredited by  
Udacity of California Institutional Unit 2019-2022  
Course Number: 2024

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Labanya Sau

Date: **May 31, 2022**

Length: **45 total hours**



Certificate no. UC-58776661-9382-4426-2284-148776664888  
Certificate url: udemy.com/UC-58776661-9382-4426-2284-148776664888  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 + Meta 410-101 Exam

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Labanya Sau

Date **March 19, 2023**

Length **32 total hours**



**coursera**  
project  
network

Feb 9, 2024

**Labanya Sau**

has successfully completed

**Introduction to Microsoft Excel**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera



Jennifer K. Siegfried  
Senior Manager  
Global Market Access  
Executive Learning Group

**PROJECT  
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<https://coursera.org/verify/2XSGT0UWV50E>

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Certificate no: UC-65589272-PTT-4425-985-FC38c77e4229  
Certificate url: <https://www.udacity.com/certificate/UC-65589272-PTT-4425-985-FC38c77e4229>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Essential Excel With Tips Trick Shortcuts and Job Success

Instructors **Marcus Menti, Zechariah Tech**

## Labanya Sau

Date **April 20, 2024**

Length **17 total hours**

**coursera**  
project  
network

Feb 3, 2014

**Labanya Sau**

has successfully completed

**Gamification Learning with Genially**

an online non-credit project authorized by Coursera Project Network and offered through  
Coursera

*Rachal Lindsey*

Subject Matter  
Expert  
Acad. Practitioner

**PROJECT  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/238M72C5C124>

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participation in the project.



Certificate no. UC-8282646-475-4283-4940-440228-76437  
Certificate no. UC-8282646-475-4283-4940-440228-76437  
Expiry date: 2028

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: Andrii Piatakha, Learn IT University

**Debosmita Das**

Date: May 7, 2022

Length: 29.5 total hours







Certificate of Completion issued to the user of the course  
The course is not eligible for credit or transfer to other courses  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: **Robert (Bob) Steele**

**Debosmita Das**

Date: **June 14, 2022**

Length: **155.5 total hours**





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Udemy is a registered trademark of Udemy, Inc.

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Debosmita Das**

Date: April 18, 2023

Length: 64 total hours



Certificate no: UC-f5b95ff5-5e52-4c7e-93e5-7c45b10560c3

Certificate url: [ude.my/UC-f5b95ff5-5e52-4c7e-93e5-7c45b10560c3](https://ude.my/UC-f5b95ff5-5e52-4c7e-93e5-7c45b10560c3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online vs Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## **Arunabha Roychowdhury**

Date **May 12, 2023**

Length **64 total hours**



Certificate no: UC-47776b49-8bc6-4251-a49b-3b343c075804  
Certificate url: [ude.my/UC-47776b49-8bc6-4251-a49b-3b343c075804](https://ude.my/UC-47776b49-8bc6-4251-a49b-3b343c075804)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## **Arunabha Roychowdhury**

Date **May 14, 2023**

Length **25 total hours**





Certificate of Completion with CEU & CPE Credit  
Certificate with CEU, CPE and CDTU Credit  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 100 Days of Code: The Complete Python Pro Bootcamp

Instructors: Dr. Angela Yu

**Anushka Santra**

Date: April 22, 2024

Length: 58.5 total hours



Certificate no: UC-Su102011-8146-8831-8048-84000202104  
Certificate url: ud.ac/CU-Su102011-8146-8831-8048-84000202104  
Reference Number: 0001

CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: Dr. Swati Chakraborty

**Anushka Santra**

Date: May 9, 2024

Length: 8 total hours



Certificate of Completion  
Certificate of Completion  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# The English Master Course: English Grammar, English Speaking

Instructors: **Scott Mendoza**

**Anushka Santra**

Date: **May 11, 2024**

Length: **43 total hours**

# HOOGHLY ENGINEERING AND TECHNOLOGY COLLEGE

Vivekananda Road, Pipulpati, P.O. & Dist. Hooghly

## Department of Mechanical Engineering



Name Soumyadip Bhattacharjee

Year Second ( 2<sup>nd</sup> Year )

Class Roll No. 12

University Roll No. 17600722013

Session 2022-2023

## MOOCS ACTIVITY LIST

<i>Sl NO.</i>	<i>Name Of the Activity</i>	<i>Course Duration (Hours)</i>	<i>Points</i>
1.	Xero Accounting Software	34	04
2.	Income Tax – Schedule C Small Business Sole Proprietor	22	02
3.	Passive income W/ Udemy- Online Course Creation (Unofficial)	14	01
4.	XML and XSD: a complete W3C- content based course (+10 hours)	11	01
<b><u>Total</u></b>			<b>08</b>



- **Xero Accounting Software :**

[https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082/?utm\\_source=sendgrid.com&utm\\_medium=email&utm\\_campaign=email](https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082/?utm_source=sendgrid.com&utm_medium=email&utm_campaign=email)



Certificate ID: UC-d4978bbf-3866-409e-872b-24906f130082  
Certificate URL: https://www.udemy.com/certificate/UC-d4978bbf-3866-409e-872b-24906f130082  
Expiration: Never

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Soumyadip Bhattacharjee**

Date: March 14, 2023

Length: 34 total hours

- **Income Tax – Schedule C Small Business Sole Proprietor :**

[https://www.udemy.com/certificate/UC-d912b364-e054-41b4-a683-aa6ca3420770/?utm\\_source=sendgrid.com&utm\\_medium=email&utm\\_campaign=email](https://www.udemy.com/certificate/UC-d912b364-e054-41b4-a683-aa6ca3420770/?utm_source=sendgrid.com&utm_medium=email&utm_campaign=email)



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Udemy Inc. 2019. All rights reserved.  
Reference Number: 1004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Soumyadip Bhattacharjee**

Date: March 31, 2023  
Length: 22 total hours

- **Passive Income W/ Udemy- Online Course Creation (Unofficial) :**

<https://www.udemy.com/certificate/UC-73b22021-172d-4835-b30a-f610db3aebc0/>



Udemy is not affiliated with any educational institution.  
Certificate ID: UC-73b22021-172d-4835-b30a-f610db3aebc0  
Expires: Never

CERTIFICATE OF COMPLETION

# Passive income W/ Udemy- Online Course Creation (Unofficial)

Instructors: **Passive Income Gen Z**

**Soumyadip Bhattacharjee**

Date: **April 13, 2023**

Length: **14 total hours**

- **XML and XSD: a complete W3C-content based course (+10 hours) :**

<https://www.udemy.com/certificate/UC-19e9a1d7-9022-4950-a5dc-64f776b0fccc/>



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Udemy Inc. 2022. All rights reserved.  
Udemy Inc. 2022

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors: **Daniel Pinheiro Maia**

**Soumyadip Bhattacharjee**

Date: **April 13, 2023**

Length: **11 total hours**

# HOOGHLY ENGINEERING AND TECHNOLOGY COLLEGE

Vivekananda Road, Pipulpati, P.O. & Dist. Hooghly

## Department of Mechanical Engineering



Name

Soumyadip Bhattacharjee

Year

3<sup>rd</sup> Year

Class Roll No.

11

University Roll No.

17600722013

Session

2023 - 2024



## MOOCS ACTIVITY LIST

<i>Sl NO.</i>	<i>Name Of the Activity</i>	<i>Course Duration (Hours)</i>	<i>Points</i>
1.	<i>Python , Flask Framework And Django Course For Beginners</i>	<i>18.5</i>	<i>02</i>
2.	<i>Complete Photography : 21 Courses in 1 [ Beginner to Expert ]</i>	<i>8.5</i>	<i>01</i>
3.	<i>Software architecture</i>	<i>8.5</i>	<i>01</i>
	<b><u>Total</u></b>		<b>04</b>

- **Python,Flask Framewok And Django Course For Beginners :**

<https://www.udemy.com/certificate/UC-95b69cf4-aca3-4e03-8290-86ecdb84fe90/>



Certificate of Completion with Audit Trail (Unaudited)  
Certificate of Audit by the U.S. Copyright Office (Unaudited)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python,Flask Framework And Django Course For Beginners

Instructors: Horizon Tech

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 18.5 total hours

- **Complete Photography : 21 Courses in 1 [ Beginner to Expert ] :**

<https://www.udemy.com/certificate/UC-7cnef85b-fc4a-4ed5-987e-9ff4936b90c8/>



For details on UC Transfer, visit [www.udacity.com/uc-transfer](https://www.udacity.com/uc-transfer)  
Certificate ID: UC-7cnef85b-fc4a-4ed5-987e-9ff4936b90c8  
Issued: February 2024

CERTIFICATE OF COMPLETION

# **Complete Photography : 21 Courses in 1 [Beginner to Expert]**

Instructors: **Creative Online School**

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 8.5 total hours

- **Software architecture :**

<https://www.udemy.com/certificate/UC-883522d2-698e-49c6-abaf-a897c84ce66a/>



Udemy Inc. 2024. All rights reserved. This certificate is valid for the course "Software Architecture" by Andrei Sviatosatko. Certificate ID: UC-883522d2-698e-49c6-abaf-a897c84ce66a. Expires: February 2024.

CERTIFICATE OF COMPLETION

# Software architecture

Instructor: **ANDREI SVIATOSATKO**

**Soumyadip Bhattacharjee**

Date: Feb. 7, 2024

Length: 8.5 total hours



Certificate no: UC-928070d1-3737-42bf-afac-94a4ccaf0fd0

Certificate url: [ude.my/UC-928070d1-3737-42bf-afac-94a4ccaf0fd0](https://ude.my/UC-928070d1-3737-42bf-afac-94a4ccaf0fd0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting – Payroll

Instructors **Robert (Bob) Steele**

## Subham Basuli

Date **May 23, 2022**

Length **21.5 total hours**





Certificate no: UC-874ce613-e1f7-4656-ab91-2b068a98aaf1  
Certificate url: [ude.my/UC-874ce613-e1f7-4656-ab91-2b068a98aaf1](https://ude.my/UC-874ce613-e1f7-4656-ab91-2b068a98aaf1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real NMAP : Elite Network Scanning & Recon in 10 Hours| CNMP+

Instructors **OCSALY Academy** | 310,000+ Students

## Subham Basuli

Date **Jan. 20, 2024**

Length **10 total hours**



Certificate no: UC-42a7b66c-a0cc-40f0-989f-c49206574a30

Certificate url: [ude.my/UC-42a7b66c-a0cc-40f0-989f-c49206574a30](https://ude.my/UC-42a7b66c-a0cc-40f0-989f-c49206574a30)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Chess in Hindi : Zero to Master Level

Instructors **Ashish Pandit**

## Subham Basuli

Date **Jan. 20, 2024**

Length **12.5 total hours**



Certificate no: UC-94353850-9f98-4628-a74c-61b5550c98a3  
Certificate url: [ude.my/UC-94353850-9f98-4628-a74c-61b5550c98a3](https://ude.my/UC-94353850-9f98-4628-a74c-61b5550c98a3)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

## Subham Basuli

Date **May 22, 2022**

Length **12 total hours**



Certificate no: UC-e7f2f26c-e0d8-46a0-a0c0-271c04e2a763

Certificate url: [ude.my/UC-e7f2f26c-e0d8-46a0-a0c0-271c04e2a763](https://ude.my/UC-e7f2f26c-e0d8-46a0-a0c0-271c04e2a763)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Creative Cloud Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

## Subham Basuli

Date **Feb. 10, 2023**

Length **33.5 total hours**





Certificate no: UC-3504a96a-7a45-4380-9ef6-33224685385f

Certificate url: [ude.my/UC-3504a96a-7a45-4380-9ef6-33224685385f](https://ude.my/UC-3504a96a-7a45-4380-9ef6-33224685385f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Online (QBO) Bookkeeping With Bank Feeds 2023

Instructors **Robert (Bob) Steele**

## **Subham Basuli**

Date **Jan. 19, 2024**

Length **21.5 total hours**





Certificate no: UC-72a9732a-6d96-4e53-b403-9e2f6690eccd  
Certificate url: [ude.my/UC-72a9732a-6d96-4e53-b403-9e2f6690eccd](https://ude.my/UC-72a9732a-6d96-4e53-b403-9e2f6690eccd)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Statement Analysis – Ratio Analysis

Instructors **Robert (Bob) Steele**

## **Subham Basuli**

Date **Feb. 12, 2023**

Length **24.5 total hours**



Certificate no: UC-eeddab62-b276-4eaa-a0b3-11f7e35094b3

Certificate url: [ude.my/UC-eeddab62-b276-4eaa-a0b3-11f7e35094b3](https://ude.my/UC-eeddab62-b276-4eaa-a0b3-11f7e35094b3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn To Create Artificially Intelligent Games Using Python3

Instructors **Sachin Kafle**

**Subham Basuli**

Date **May 22, 2022**

Length **34.5 total hours**

नामांकन सं. / Enrolment No. : 20221001559608

# CERTIFICATE OF PARTICIPATION IN ONLINE COURSE



यह प्रमाणपत्र

**MR. SUBHAM BASULI**

को "मशीन लर्निंग से डीप लर्निंग तक : सुदूर संवेदन डेटा वर्गीकरण की एक यात्रा"

में ऑनलाइन पाठ्यक्रम में भाग लेने पर प्रदान किया जाता है।

इस ऑनलाइन पाठ्यक्रम का आयोजन 04 जुलाई, 2022 से 08 जुलाई, 2022 (कुल पाठ्यक्रम की अवधि = 13 घंटे 30 मिनट) के दौरान किया गया।

(संबन्धित आई.आई.आर.एस. नोडल केंद्र- हुगली इंजीनियरिंग एंड टेक्नोलॉजी कॉलेज)

**THIS CERTIFICATE IS**

AWARDED TO

**MR. SUBHAM BASULI**

ON HAVING PARTICIPATED IN THE ONLINE COURSE ON

**"Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification"**

THIS ONLINE COURSE WAS CONDUCTED DURING **04-07-2022 to 08-07-2022** ( Total course duration was = 13 hours and 30 minutes ).

(Concerned IIRS Nodal Centre- Hooghly Engineering & Technology College)

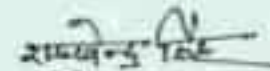
Date: 27-07-2022

Place: Dehradun

UID: 22842fe6786c34e4a96d02db5f3b3dc :This Certificate can be validated using URL- <https://certificate.iirs.gov.in>



समन्वयक, विश्वविद्यालय/संस्थान  
Coordinator, University/ Institution



निदेशक/ Director  
आई.आई.आर.एस. देहरादून/ IIRS, Dehradun





The State University  
of New York

Jan 24, 2020

**Subham Basuli**

has successfully completed

**Solar Energy Basics**

an online non-credit course authorized by The State University of New York and offered  
through Coursera.

*Neal Abrams*

Neal Abrams  
Associate Professor  
Chemistry

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/ETG2840D175Y>

Coursera has confirmed the identity of this individual and their  
participation in the course.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ABHIPSA KOLEY**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	11.63/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 3388

Feb-Apr 2023  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG41543020147

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ABHIPSA KOLEY**  
for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **56** %

Online Assignments	24.22/25	Proctored Exam	31.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10672**

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Free Online Education

www.swayam.gov.in

Roll No: NPTEL23CS20533020054

To validate the certificate



No. of credits recommended: 3 or 4

**UCI** Division of  
Continuing Education

May 23, 2019

**Abhipsa Koley**

has successfully completed

**Communication in the 21st Century Workplace**

an online non-credit course authorized by University of California, Irvine and offered  
through Coursera



David Spang  
Executive Director

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.app/verify/CANBCMCY19E>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-8916949c-325b-4835-823f-28323d400b7e  
Certificate url: [ude.my/UC-8916949c-325b-4835-823f-28323d400b7e](https://ude.my/UC-8916949c-325b-4835-823f-28323d400b7e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3: Fundamentals

Instructors **Dr. Fred Baptiste**

**Akash Nandy**

Date **May 14, 2024**

Length **48.5 total hours**



# Georgia Institute of Technology

Jan 1, 2021

**Sohini Banerjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/TBkWTML9J/W/](https://coursera.org/verify/TBkWTML9J/W/)

Coursera has confirmed the identity of this individual and their participation in the course.

**Verified**  
certificate

**Harvard**

This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate  
Issued February 10, 2021

Valid Certificate ID

[6b53287381e64e0fb0f8d9c5aacc0711](https://courses.edx.org/verify/certificate/6b53287381e64e0fb0f8d9c5aacc0711)

*Trust in Us*

Richard Elymore  
Gregory R. Arvig Research Professor of Educational Leadership  
Harvard University



# Verified Certificate



Joseph Suresingala  
Data Scientist  
IBM

This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 20, 2021

Valid Certificate ID

[59773637184457edba6d51f4a2a766c](https://courses.edx.org/certificates/59773637184457edba6d51f4a2a766c)

# Verified Certificate

**U** UNIVERSITY of WASHINGTON



Joel Ozarski  
Lecturer, International & English Language Programs  
University of Washington

This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 18, 2021

Valid Certificate ID  
131810f9851545952bb090d774916bc54

# Verified Certificate



Clyde Simpson  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 9, 2022

Valid Certificate ID  
[b2439450eab942efc885623d87a01c10](https://certificates.edx.org/certificates/b2439450eab942efc885623d87a01c10)

# Verified Certificate



*Caren Kyskamp*

Caren Kyskamp  
Program Manager, IBM Security Learning Services



This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**Cybfun.1.0: Cybersecurity Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued June 9, 2022

Valid Certificate ID  
[f23a80864e4645eaa226ff024237e2bb](#)





# Verified Certificate



Rav Ahuja

AI and Data Science Program Director

IBM

This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate

Issued May 15, 2023

Valid Certificate ID

[04555df98bb543d2b71bffb3d580b9d27](#)

# Verified Certificate



This is to certify that

**SOHINI BANERJEE**

successfully completed and received a passing grade in

## **OTP-AWSD12: Building Modern Python Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.

Mervin Lowery  
Director, Training and Certification  
Amazon Web Services (AWS)



**Verified Certificate**  
Issued May 15, 2023

**Valid Certificate ID**  
25ad24c170a934c083b6193095798131c2

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructor: **Robert (Bob) Steele**

**Suman Mondal**

Date: **May 7, 2023**

Length: **128 total hours**

CERTIFICATE OF COMPLETION

# Docker Kubernetes MasterClass: DevOps from Scratch - 2024

Instructors: Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible

**Suman Mondal**

Date: May 16, 2024

Length: 26 total hours







CERTIFICATE OF COMPLETION

# Real Android App Dev in 15 Hours|KotlinDevX Certificate 2024

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Suman Mondal**

Date: May 11, 2024

Length: 15.5 total hours

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Suman Mondal**

Date **May 8, 2024**

Length **34 total hours**

CERTIFICATE OF COMPLETION

# SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours

Instructors: **Passive Income Gen Z**

## Suman Mondal

Date: **May 11, 2024**

Length: **23 total hours**

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors: Trevor Williams, Learn IT University, Andrii Platakha, Doron Williams

**Suman Mondal**

Date: May 31, 2023

Length: 12.5 total hours

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors: **Web Coding**

**Suman Mondal**

Date: **May 31, 2023**

Length: **9.5 total hours**





CERTIFICATE OF COMPLETION

# Microsoft 365 Ultimate Guide

Instructors: Josh Werner, Learn Tech

**Suman Mondal**

Date: May 30, 2023

Length: 22.5 total hours

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: Horizon Tech

**Suman Mondal**

Date: May 3, 2023

Length: 12.5 total hours







DARDEN SCHOOL  
of BUSINESS

May 31, 2021

**RAHUL KUMAR**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4D9NFTTRP90>

Coursera has verified the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 31, 2022

**RAHUL KUMAR**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2W9L3011813K>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-757a7057-12d7-4935-a3f1-3199de990e9e

Certificate url: [ude.my/UC-757a7057-12d7-4935-a3f1-3199de990e9e](https://udemy.com/certificate/UC-757a7057-12d7-4935-a3f1-3199de990e9e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**Rahul kumar**

Date **June 2, 2022**

Length **28 total hours**



Certificate no: UC-afad47c9-3d08-4257-ae29-2f9685613c92

Certificate url: [ude.my/UC-afad47c9-3d08-4257-ae29-2f9685613c92](https://ude.my/UC-afad47c9-3d08-4257-ae29-2f9685613c92)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

## Rahul Kumar

Date **May 5, 2023**

Length **34 total hours**



Certificate no: UC-93671c6e-5864-4b0a-818f-68c034f5f57d

Certificate url: [ude.my/UC-93671c6e-5864-4b0a-818f-68c034f5f57d](https://ude.my/UC-93671c6e-5864-4b0a-818f-68c034f5f57d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Rahul kumar**

Date **May 5, 2023**

Length **81.5 total hours**





Certificate no: UC-6b373781-3da8-4a7d-8d80-e14f39d959fb

Certificate url: [ude.my/UC-6b373781-3da8-4a7d-8d80-e14f39d959fb](https://ude.my/UC-6b373781-3da8-4a7d-8d80-e14f39d959fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Priyatosh Patra**

Date **April 14, 2023**

Length **11 total hours**





Certificate no: UC-f924300f-9224-49e4-b3c5-6b5e99f804d0  
Certificate url: [ude.my/UC-f924300f-9224-49e4-b3c5-6b5e99f804d0](https://ude.my/UC-f924300f-9224-49e4-b3c5-6b5e99f804d0)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Priyatosh Patra**

Date **May 6, 2023**

Length **47 total hours**





Certificate no: UC-5013f27c-6a3a-4f0a-b051-8561a67c5d64

Certificate url: [ude.my/UC-5013f27c-6a3a-4f0a-b051-8561a67c5d64](https://ude.my/UC-5013f27c-6a3a-4f0a-b051-8561a67c5d64)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML-CSS-JavaScript: Desde la nada al máximo

Instructors **Vladimir Rodríguez**

**Arijit roy**

Date **May 3, 2023**

Length **81.5 total hours**



May 5, 2022

**SWIKRITI MONDAL**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles Lawrence', written over a horizontal line.

Charles Lawrence  
Chief Executive, School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificates/224718551760>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: UD-DIG-DIG-2023-4000-9700-000000000000  
Certificate URL: [www.udacity.com/Certificate/UD-DIG-DIG-2023-4000-9700-000000000000](#)  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors: Josh Werner, Learn Tecc

**Swikriti Mondal**

Date: May 11, 2023  
Length: 11 total hours





**Georgia Institute  
of Technology**

Jan 11, 2025

**SWIKRITI MONDAL**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Sanders  
Instructor  
GT Executive Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UB83815VZ58H>

Coursera has certified the identity of the individual and their participation in the course.



May 24, 2023

**SWIKRITI MONDAL**

has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Chad', followed by a horizontal line.

Chad Stephens  
Dean of the School of Information  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/098206742406>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate No: UC-202302-100-492-8742-23-89-873442  
Certificate of completion for Swikriti Mondal-290-250-23-89-873442  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors: Horizon Tech

**Swikriti Mondal**

Date: May 11, 2023

Length: 12 total hours



May 17, 2022

**SWIKRITI MONDAL**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course facilitated by Indian School of Business and offered through Coursera.

*Rajeev Raghuraman*

Rajeev Raghuraman, PhD  
McCord School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/INDIANISB/2022>  
Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: 420335613074307440342034203420342034  
Certificate URL: <https://www.udacity.com/certificate/420335613074307440342034203420342034>  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors: Dekker Fraser, MBA, Jyrs Galosmo

**Swikriti Mondal**

Date: May 13, 2023

Length: 26.5 total hours





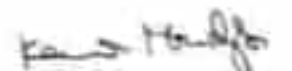
Spoken Tutorial  
Project of  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **SHREYA MISHRA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Karan M. Muralidhar  
IIT Bombay



# Georgia Institute of Technology

Aug 14, 2019

**Shreya Mishra**

has successfully completed

**Write Professional Emails in English**

an online course at Georgia Institute of Technology and offered  
through Coursera

David J. Forster  
Deans  
of Georgia Institute

**COURSE  
CERTIFICATE**



8000 N. UNIVERSITY AVENUE  
ATLANTA, GA 30302

Students can verify the validity of this certificate and their  
participation in the course



**4TU** Center for Ethics  
and Technology

Issued on:

**Shreya Mishra**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU(Chair) and offered through Coursera.

Senior Executive  
Responsible Officer  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/4TUETHTECH>

Source & sign certificate no. bearing of this certificate and their  
participation in the course

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650450

To  
SHREYA MISHRA  
C/36, GANDHI ROAD, BAGUN NAGAR, BARIDIH  
JAMSHEDPUR, JHARKHAND  
SAST SINGHBHUM  
JHARKHAND - 831017  
PIN NO :8031950961



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort invested.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



26 Jan 2022

This certificate is awarded to

**SHREYA MISHRA**

for successfully completing the course



**The Joy of Computing using Python**

with a consolidated score of **76** %

Online Assignments	23.75/25	Programming Exam	25/25	Proctored Exam	27.13/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 7438

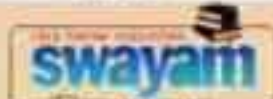
Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

Prof. Andrew Thiagaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Apr 12, 2018

**Shreya Mishra**

has successfully completed

**Introduction to Programming with MATLAB**

an online Vanderbilt course authorized by Vanderbilt University and offered through  
Coursera



Handwritten signature of Anirban Ghosh in black ink.

Anirban Ghosh, Ph.D.  
Professor  
Division of Engineering, Computer Science and  
Electrical Engineering

Handwritten signature of Michael Fitzgerald in black ink.

Michael Fitzgerald, Ph.D.  
Professor Emeritus  
College of Engineering, Division of Engineering, Computer Science and  
Electrical Engineering

Verify at:  
<https://coursera.org/verify/INTAM120618E>

Coursera has validated the identity of this individual and their  
participation in this course.



**UCI** University of  
California, Irvine

April 10, 2015

**Shreya Mishra**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

as a condition of your enrollment at the University of California, Irvine and offered  
through Coursera



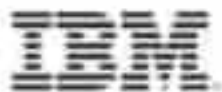
\_\_\_\_\_  
Representative of the University of California, Irvine

**COURSE  
CERTIFICATE**



Verify at:  
<https://www.coursera.org/verify/UCIRV0000110011>

UCI certifies that the recipient has completed the course and that  
the recipient is eligible for credit.



Apr 30, 2022

**Shreya Mishra**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber  
Attacks**

an online course which is co-developed by IBM and offered through Coursera

*Shreyas Reddy*

Assistant  
Professor  
IBM Security Consulting

**COURSE  
CERTIFICATE**



ISSUED BY:

<https://coursera.org/certificates/01101222022>

Coursera is not responsible for the accuracy of the information and that  
pertaining to this course.



Udemy Inc. 227 4280664 100-4194-8000 4470-007000  
Certificate ID: udmy1004000004 2023-05-15 10:00:00Z  
Reference Number: 2004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors: **Morgan Page**

**Shreya Mishra**

Date: **May 15, 2023**

Length: **9.5 total hours**



Certificate ID: 00115011200-0001-0000115011  
Certificate of completion ID: 00115011200-0001-0000115011  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors: Dekker Fraser, MBA, Jyoti Galosme

**Shreya Mishra**

Date: May 15, 2023

Length: 26.5 total hours



Certificate no: UC-8916949c-325b-4835-823f-28323d400b7e  
Certificate url: [ude.my/UC-8916949c-325b-4835-823f-28323d400b7e](https://ude.my/UC-8916949c-325b-4835-823f-28323d400b7e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3: Fundamentals

Instructors **Dr. Fred Baptiste**

**Akash Nandy**

Date **May 14, 2024**

Length **48.5 total hours**



**Verified  
Certificate**



Maureen Lonergan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**AWS-AWS-OTP-AWSD14: Introduction to Designing  
Data Lakes on AWS**

a course of study offered by AWS, an online learning initiative  
of AWS.



Verified Certificate  
Issued May 30, 2024

Valid Certificate ID  
[9a7ed9b3d08b4f85a440335cfd008bdp](#)



Feb 25, 2024

**Snehal Nandi**

has successfully completed

**Play It Safe: Manage Security Risks**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TF22620A7465>

Coursera has certified the identity of this individual and their participation in the course.



Jan 15, 2022

**Snehal Nandi**

has successfully completed

**Foundations of Cybersecurity**

an online non-credit course authorized by Google and offered through Coursera

Amanda Ripley  
Global Director of Google Career Certificates

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BL05HB7H5T1G>

Coursera has confirmed the identity of this individual and their participation in the course.

**Verified  
Certificate**



Maureen Lorigan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**AWS-OTP-AWSD15: AWS Cloud Practitioner  
Essentials**

a course of study offered by AWS, an online learning initiative  
of AWS.



**Verified Certificate**  
Issued May 29, 2024

**Valid Certificate ID**  
[cd0c90b29c525460449x365639c550d9a](#)



# Georgia Institute of Technology

July 31, 2023

**Snehal Nandi**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/87NYM3VAE3P1](https://coursera.org/verify/87NYM3VAE3P1)

Coursera has certified the identity of this individual and their participation in the course.



# Verified Certificate



This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Soperant  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 23, 2021

Valid Certificate ID  
[49e9079e7cd4177e10900885ca94b05](https://certificates.edx.org/certificates/49e9079e7cd4177e10900885ca94b05)

**Verified**  
Certificate

HarvardX

*Richard Elmore*

Richard Elmore

Gregory R. Anrig Research Professor of Educational Leadership

*Harvard University*

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.

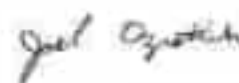


Verified Certificate  
Issued July 31, 2021

Valid Certificate ID  
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# Verified Certificate

**W** UNIVERSITY of WASHINGTON



Joel Dretsch

Lecturer, International & English Language Programs

University of Washington

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 11, 2021

Valid Certificate ID  
[5c182e30253e44a2eccc23fc455e05ef](https://certificates.edx.org/certificates/5c182e30253e44a2eccc23fc455e05ef)

# Verified Certificate



José Santacana  
Data Scientist



This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 25, 2021

Valid Certificate ID  
[1nc620b58b7746c186ef3352d09cf5e0](https://edcourses.edx.org/certificates/1nc620b58b7746c186ef3352d09cf5e0)

# Verified Certificate



Ravi Khajep

AI and Data Science Program Director



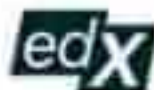
This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued April 8, 2022

Valid Certificate ID  
[64052fb3dbf743faaf068c8a148c38e5](#)



# Verified Certificate



Clyde Simpson  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate  
Issued May 5, 2022

Valid Certificate ID  
[c801c24712d9494ca68221ec9d9f8163](https://courses.edx.org/certificates/c801c24712d9494ca68221ec9d9f8163)

# **M** UNIVERSITY OF MICHIGAN

Dec 6, 2021

**Snehal Nandi**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/1B5FD0P43Xk1s](https://coursera.org/verify/1B5FD0P43Xk1s)

Coursera has certified the identity of this individual and their participation in the course.



Dear *Recipient*,

**Snehal Nandi**

has successfully completed

**Crash Course on Python**

an online non-credit course authorized by Google and offered through Coursera

**Google**

---

Google

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/KTMV8CE9QHMI](https://coursera.org/verify/KTMV8CE9QHMI)

Coursera has certified the identity of this individual and their participation in the course.



Dec 17, 2021

**Snehal Nandi**

has successfully completed

**Introduction to Git and GitHub**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at [coursera.org/verify/BLG2QFEM5TU](https://coursera.org/verify/BLG2QFEM5TU)

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

July 31, 2023

**Snehal Nandi**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/87NYM3VAE3P1](https://coursera.org/verify/87NYM3VAE3P1)

Coursera has certified the identity of this individual and their participation in the course.



# Verified Certificate



This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**ENCE665.3: Let's Get Personal: Working with  
Personality Type**

a course of study offered by USMx, an online learning  
initiative of University System of Maryland.

Jacquyn S. Davis  
Instructor

Project Management Center for Excellence,  
Clark School of Engineering, University of Maryland, College  
Park

John M. Cable  
Director

Project Management Center for Excellence,  
Clark School of Engineering, University of Maryland, College  
Park



Verified Certificate  
Issued May 15, 2023

Valid Certificate ID  
[B55bf5e0a8d04594e493a7f36c0bb0bb6](#)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**OTP-AWSD11: Building Modern Java  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued May 15, 2023

**Valid Certificate ID**  
[19801c90462d40808e0a9f2513d668fa5](https://sources.edx.org/certificates/19801c90462d40808e0a9f2513d668fa5)

**Verified  
Certificate**



A handwritten signature in black ink, appearing to read "Klausen Lorenzer".

**Klausen Lorenzer**  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**OTP-AWSD12: Building Modern Python  
Applications on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



**Verified Certificate**  
Issued May 15, 2023

**Valid Certificate ID**  
[3a5491c110fd34fcea4d712217082vcf2](https://sources.edx.org/certificates/3a5491c110fd34fcea4d712217082vcf2_gpr1*4-4h9r*_ge*1c5xftb1hMTg11jE2ODI4NDV1ODE*_ge_D3/KS4IMOT8*MTY4NDEhNDQ1My42MS4rLjE2ODQhMjQyMjku...)

# Verified Certificate



A handwritten signature in black ink, appearing to read "John H. Cable".

John H. Cable, B.S., PMP

Director, Project Management Center for Excellence

*University of Maryland*

A handwritten signature in black ink, appearing to read "John Johnson".

John Johnson, PMP, CSM, SPC

Strategic Program Manager, Faculty, Project Management

Center for Excellence

*University of Maryland*

This is to certify that

**Snehal Nandi**

successfully completed and received a passing grade in

**ENCE607.3x: Agile Innovation and Problem Solving Skills**

a course of study offered by USMx, an online learning initiative of University System of Maryland.



Verified Certificate

Issued May 14, 2023

Valid Certificate ID

[971c55c4ac064b40837e8b1f9af94b7f](https://certificates.edx.org/verify/971c55c4ac064b40837e8b1f9af94b7f)



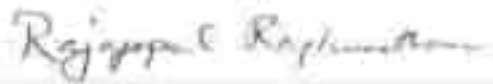
May 6, 2022

**Rohan Ghosh**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

A handwritten signature in black ink that reads "Rajivpal Rajhansh".

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/862795T48WPH>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Apr 27, 2022

**Rohan Ghosh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/27860112841E>

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 5, 2022

**Rohan Ghosh**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Deirdre Walsh, Duncan Pritchard, Gillian Triggs, Matthew Crummon, Allan Hahnel, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/97FSLC04652V>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Certificate no: UC-af2a2272-81c9-4ad6-8cfd-c3e60eac7cac  
Certificate url: [ude.my/UC-af2a2272-81c9-4ad6-8cfd-c3e60eac7cac](https://ude.my/UC-af2a2272-81c9-4ad6-8cfd-c3e60eac7cac)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Learn Python: The Complete Python Programming Course

Instructors **Avinash Jain, The Codex**

## Rohan Ghosh

Date **May 24, 2022**

Length **14.5 total hours**



Nov 26, 2022

**Rohan Ghosh**

has successfully completed

**The Bits and Bytes of Computer Networking**

an online non-credit course authorized by Google and offered through Coursera

**COURSE  
CERTIFICATE**



**Google**

Google

Verify at:  
<https://coursera.org/verify/79EP0WXS90PE>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-973932ac-adb9-4b9e-bb21-650b9ead2b35  
Certificate url: [ude.my/UC-973932ac-adb9-4b9e-bb21-650b9ead2b35](https://ude.my/UC-973932ac-adb9-4b9e-bb21-650b9ead2b35)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete JavaScript, jQuery and React Bootcamp - Hands- On

Instructors **YouAccel Training**

## Rohan Ghosh

Date **May 4, 2023**

Length **13 total hours**





Certificate no: UC-ffb3d9c2-0943-41b8-9ebd-16fac71342f5

Certificate url: [ude.my/UC-ffb3d9c2-0943-41b8-9ebd-16fac71342f5](https://ude.my/UC-ffb3d9c2-0943-41b8-9ebd-16fac71342f5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2023: The Complete PHP MySQL PDO Course

Instructors **Web Coding**

## Rohan Ghosh

Date **May 5, 2023**

Length **9.5 total hours**



Certificate no: UC-b6f0e5aa-94db-4326-a3dc-5538edded186

Certificate url: [ude.my/UC-b6f0e5aa-94db-4326-a3dc-5538edded186](https://ude.my/UC-b6f0e5aa-94db-4326-a3dc-5538edded186)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS and Linode: The Ultimate Guide to Cloud Computing [IaaS]**

Instructors **YouAccel Training**

## **Rohan Ghosh**

Date **May 6, 2023**

Length **13 total hours**



Certificate no: UC-541810c4-167c-4daf-9b7c-2e02ed3eef93

Certificate url: [ude.my/UC-541810c4-167c-4daf-9b7c-2e02ed3eef93](https://ude.my/UC-541810c4-167c-4daf-9b7c-2e02ed3eef93)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

## Rohan Ghosh

Date **May 8, 2023**

Length **8 total hours**



Certificate no: UC-5806d9d6-5a65-4f4a-986c-cde769444c89

Certificate url: [uda.my/UC-5806d9d6-5a65-4f4a-986c-cde769444c89](https://uda.my/UC-5806d9d6-5a65-4f4a-986c-cde769444c89)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

## Rohan Ghosh

Date **May 8, 2023**

Length **8.5 total hours**





Certificate no: UC-ae1b23c3-f8cd-4fe3-b21b-2b5890735478

Certificate url: [ude.my/UC-ae1b23c3-f8cd-4fe3-b21b-2b5890735478](https://ude.my/UC-ae1b23c3-f8cd-4fe3-b21b-2b5890735478)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha, Doron Williams**

## Rohan Ghosh

Date **May 8, 2023**

Length **12.5 total hours**





# Georgia Institute of Technology

Nov 27, 2021

**Eshika Bose**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/CX3/56MQWTHJ](https://coursera.org/verify/CX3/56MQWTHJ)

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Jan 1, 2022

**Eshika Bose**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/723054481UG>

Coursera has confirmed the identity of the individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Jan 2, 2023

**Eshika Bose**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/91f3b4e5059>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: UC-91251484-6fd9-4360-aa91-b5d06140b276

Certificate url: [ude.my/UC-91251484-6fd9-4360-aa91-b5d06140b276](https://ude.my/UC-91251484-6fd9-4360-aa91-b5d06140b276)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Cyber Security and Ethical Hacking Masterclass | CSEH+ 2022

Instructors **OCSALY - Online Computer Science Academy**

## Eshika Bose

Date **June 4, 2022**

Length **9 total hours**



Certificate no: UC-f79ff86c-b1e5-415f-ae38-e17be0d0401e

Certificate url: [ude.my/UC-f79ff86c-b1e5-415f-ae38-e17be0d0401e](https://ude.my/UC-f79ff86c-b1e5-415f-ae38-e17be0d0401e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Partial Differential Equations: Comprehensive Course

Instructors **Emanuele Pesaresi**

## Eshika Bose

Date **May 10, 2023**

Length **17 total hours**





Certificate no: UC-03aa2217-b51d-464b-ac1e-7fe204ecef32

Certificate url: [ude.my/UC-03aa2217-b51d-464b-ac1e-7fe204ecef32](https://ude.my/UC-03aa2217-b51d-464b-ac1e-7fe204ecef32)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mathematical intuition behind Special and General Relativity

Instructors **Emanuele Pesaresi**

## **Eshika Bose**

Date **May 10, 2023**

Length **19 total hours**



Certificate no: UC-59a7faec-e516-41c8-9452-658818a958b0

Certificate url: [ude.my/UC-59a7faec-e516-41c8-9452-658818a958b0](https://ude.my/UC-59a7faec-e516-41c8-9452-658818a958b0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Complex Calculus: From Derivatives to Residues

Instructors **Emanuele Pesaresi**

**Eshika Bose**

Date **May 10, 2023**

Length **10 total hours**



Certificate no: UC-cd44e769-2c2b-449a-b298-7201b7a80453

Certificate url: [ude.my/UC-cd44e769-2c2b-449a-b298-7201b7a80453](https://ude.my/UC-cd44e769-2c2b-449a-b298-7201b7a80453)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Looker Studio /Google Data Studio Complete Advanced Tutorial

Instructors **Prince Patni**

## Eshika Bose

Date **May 12, 2023**

Length **11 total hours**





Certificate no: UC-78d10e8b-79df-4120-9dd3-06214f23c953

Certificate url: [ude.my/UC-78d10e8b-79df-4120-9dd3-06214f23c953](https://udemy.com/certificate/UC-78d10e8b-79df-4120-9dd3-06214f23c953)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Eshika Bose**

Date **May 13, 2023**

Length **11 total hours**



Certificate no. UC-77022760-407-4070-000-000-000076  
Certificate URL: <https://www.udacity.com/certificate/UC-77022760-407-4070-000-000-000076>  
Release Month: 2024

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Sayon Ghosh**

Date: March 14, 2023

Length: 34 total hours





Certificate ID: UC-8886628-6661-4174-4446-44226677924  
Certificate URL: <https://www.udacity.com/certificate/UC-8886628-6661-4174-4446-44226677924>  
Academic Year: 2024

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Sayon Ghosh**

Date: March 15, 2023

Length: 22 total hours



Certificate ID: UC-988e226-9276-4276-828675-988222192  
Certificate URL: [https://www.udacity.com/certificate/UC-988e226-9276-4276-828675-988222192](#)  
Issued on: October 2024

CERTIFICATE OF COMPLETION

# Google Ads, YouTube Ads, Bing Ads & Google Retargeting Guide

Instructors: Ing. Tomas Moravek, Hazel Owens, SEO, Facebook Ads & Digital Marketing Academy

**Sayon Ghosh**

Date: March 16, 2023


Length: 12 total hours





**Verified**  
Certificate

**IBM**

  
Saad Hakeem  
Global Skills Initiatives Program Director

This is to certify that

**JAINUL ISLAM**

successfully completed and received a passing grade in

**AI10101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued May 15, 2023

Global Skills Initiative ID  
<https://www.ibm.com/learning/verified>



## Verified Certificate

**W** UNIVERSITY OF WASHINGTON

*Jainul Islam*

Lebanese International & English Language Programs  
University of Washington

This is to certify that

**JAINUL ISLAM**

successfully completed and received a passing grade in

**BNET001: Preparing to Network in English**

a course of study offered by UWashingX, an online learning initiative of University of Washington.



Verified Certificate  
Issued January 16, 2021

Verify Certificate ID  
55264744520404183228065531334

**Verified  
Certificate**



This is to certify that

**JAINUL ISLAM**

successfully completed and received a passing grade in

**LFS165x: Introduction to Open Source  
Networking Technologies**

a course of study offered by LinuxFoundationL, an online  
learning initiative of The Linux Foundation.

  
David Swanson  
CEO & General Manager, Training & Curriculum  
The Linux Foundation



Verified Certificate  
Issued May 12, 2022

Unique Certificate ID  
<https://certificates.linuxfoundation.org/165x>



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CERTIFICATE OF COMPLETION FOR UDEMY COURSE UDEMY-1234567890  
Version 1.0 | Page 1 of 1

CERTIFICATE OF COMPLETION

# Selenium WebDriver JAVA- Basic to Architect Bootcamp 2024

Instructors: Anshul A Chauhan | Jenkins | DevOps | Kubernetes | Terraform | Ansible

**Jainul Islam**

Date: 8 May 2024  
Length: 61.8 total hours

**Verified**  
Certificate

**IBM**

This is to certify that

**JANUL ISLAM**

successfully completed and received a passing grade in

**DL0101EN: Deep Learning Fundamentals with Keras**

a course of study offered by IBM, an online learning initiative of IBM.



JAN ISLAM Ph.D.

IBM Research

IBM Research - Almaden



Verified Certificate

Issued May 17, 2019

Valid Certificate ID

[21c529d4e8d8d050973a19e07700e77000](#)

**Verified  
Certificate**

 UNIVERSITY OF WASHINGTON

This is to certify that

**JAINUL ISLAM**

successfully completed and received a passing grade in

**CYB003x: Building Your Cybersecurity Toolkit**

a course of study offered by UWashingtoX, an online learning initiative of University of Washington.

  
Executive Director, Center for Educational Assessment and  
Technology  
University of Washington  
University of Washington Center of Academic Innovation



Verified Certificate  
Issued May 11, 2017

Verify Certificate ID  
<https://verify.edx.org/certificate/00000000000000000000000000000000>





Year 3 : 2020-21

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 4 : 2021-22

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 5 : 2022-23

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year

Year 6 : 2023-24

Name of online MOOC programs like SWAYAM-NPTEL, Coursera etc.	Course Code (if any)	Year		
Cyber Security Full Course by Simplilearn		2024		
Computer Systems Security by MIT		2024		



Duration of course:

21 hours 23 minutes

29 hours 33 minutes







Certificate no: UC-ea8eb143-270d-4d68-bfaa-af3cce8f7596

Certificate url: [ude.my/UC-ea8eb143-270d-4d68-bfaa-af3cce8f7596](https://ude.my/UC-ea8eb143-270d-4d68-bfaa-af3cce8f7596)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Design for Beginners: Build Websites in HTML & CSS 2024

Instructors **Web Coding**

**Akash Pattanayak**

Date **May 11, 2024**

Length **8.5 total hours**

# **M** UNIVERSITY OF MICHIGAN

Mar 10, 2024

**AKASH PATTANAYAK**

has successfully completed

**Ethics in Engineering**

an online non-credit course authorized by University of Michigan and offered through Coursera



David Cheney, Distinguished Professor, Lecturer, Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/BFD620M424H12>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-c021c7c2-42ea-41e5-a6be-a04320ebe124

Certificate url: [ude.my/UC-c021c7c2-42ea-41e5-a6be-a04320ebe124](https://udemy.com/certificate/UC-c021c7c2-42ea-41e5-a6be-a04320ebe124)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python & Django | The Complete Django Web Development Course

Instructors **Hussain Mustafa, Codestars** • over 2 million students worldwide!

## Akash Pattanayak

Date **May 6, 2024**

Length **17 total hours**





Certificate no: UC-cc9e0c7b-00dc-4400-8fec-02068808bded

Certificate url: [ude.my/UC-cc9e0c7b-00dc-4400-8fec-02068808bded](https://ude.my/UC-cc9e0c7b-00dc-4400-8fec-02068808bded)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors **Logus Academy**

**Akash Pattanayak**

Date **May 5, 2024**

Length **77 total hours**



Certificate no: UC-91cb890f-52e0-41a6-a2fd-a7c8aadcd239

Certificate url: [ude.my/UC-91cb890f-52e0-41a6-a2fd-a7c8aadcd239](https://ude.my/UC-91cb890f-52e0-41a6-a2fd-a7c8aadcd239)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting-Adjusting Entries & Financial Statement

Instructors **Robert (Bob) Steele**

**Md Nizam**

Date **June 8, 2022**

Length **12 total hours**





Certificate no: UC-a91484b0-570f-45a4-b0e5-03794623fb80  
Certificate url: [ude.my/UC-a91484b0-570f-45a4-b0e5-03794623fb80](https://ude.my/UC-a91484b0-570f-45a4-b0e5-03794623fb80)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Md Nizam

Date **June 6, 2022**

Length **36 total hours**



Certificate no: UC-31930be4-54e1-4b9b-bd40-48796814566b  
Certificate url: [ude.my/UC-31930be4-54e1-4b9b-bd40-48796814566b](https://ude.my/UC-31930be4-54e1-4b9b-bd40-48796814566b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing B2B Ultimate Digital Marketing Course 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Md Nizam**

Date **April 2, 2023**

Length **49.5 total hours**



Certificate no: UC-566dc79f-0d7f-43db-8736-f655d3dbc9fe

Certificate url: [ude.my/UC-566dc79f-0d7f-43db-8736-f655d3dbc9fe](https://udemy.com/certificate/UC-566dc79f-0d7f-43db-8736-f655d3dbc9fe)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Best SAP FICO Tutorial For Beginners & Freshers (SAP ERP)

Instructors **SAP Easy Learning For Beginners**

**Md Nizam**

Date **March 31, 2023**

Length **56.5 total hours**





Certificate no: UC-0dfe2ecd-adbe-453a-9a3e-e41592475565

Certificate url: [ude.my/UC-0dfe2ecd-adbe-453a-9a3e-e41592475565](https://ude.my/UC-0dfe2ecd-adbe-453a-9a3e-e41592475565)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Md Nizam**

Date **June 8, 2022**

Length **22 total hours**



# Georgia Institute of Technology

May 29, 2022

**Asruti Sen**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/97G25aG31vBh>

Coursera has confirmed the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

Jan 1, 2022

**Asruti Sen**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CWBLO4DK572Y>

Coursera has confirmed the identity of the individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Jan 2, 2023

**Asruti Sen**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



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<https://coursera.org/verify/c813178P32AV>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-67dbfb63-428a-4740-9ad2-572959bce42b

Certificate url: [ude.my/UC-67dbfb63-428a-4740-9ad2-572959bce42b](https://udemy.com/UC-67dbfb63-428a-4740-9ad2-572959bce42b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Cyber Security and Ethical Hacking Masterclass | CSEH+ 2022

Instructors **OCSALY - Online Computer Science Academy**

## Asruti Sen

Date **June 4, 2022**

Length **9 total hours**



Certificate no: UC-fd4ce3c2-458c-40f9-859e-370f1b31d103

Certificate url: [ude.my/UC-fd4ce3c2-458c-40f9-859e-370f1b31d103](https://ude.my/UC-fd4ce3c2-458c-40f9-859e-370f1b31d103)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

## Asruti Sen

Date **May 10, 2023**

Length **128 total hours**



Certificate no: UC-d7cbd5e7-585a-4a1e-968d-28f058adc9fe

Certificate url: [ude.my/UC-d7cbd5e7-585a-4a1e-968d-28f058adc9fe](https://ude.my/UC-d7cbd5e7-585a-4a1e-968d-28f058adc9fe)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting Problem

Instructors **Robert (Bob) Steele**

## Asruti Sen

Date **May 14, 2023**

Length **29 total hours**





Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate No: 00000000-0000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Learn JAVA Programming - Beginner to Master

Instructor: **Abdul Bari**

**Pritam Das**

Date: **May 15, 2024**

Length: **01.5 total hours**



CERTIFICATE OF COMPLETION  
COURSE ID: B5L4Y3C 41876 4024 4024 4024  
Reference Number: 1234

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructor: **Horizon Tech**

**Pritam Das**

Date: **May 18, 2024**

Length: **8 total hours**



Certificate No. UC-COMPL-1922-4547-663-000010294  
Completion Date: 10/10/2024 10:20:45 AM UTC  
Reference Number: 1024

CERTIFICATE OF COMPLETION

# Strategic Human Resource Management (SHRM) Certification

Instructor: **Petar Dimov**

**Pritam Das**

Date: **May 16, 2024**

Length: **9 total hours**





Udemy, Inc. 22000 Van Ness Blvd. Suite 100  
San Francisco, CA 94133-8320  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructor: **Horizon Tech**

**Pritam Das**

Date: **May 16, 2024**

Length: **12 total hours**





Certificate no: UC-017e7d4f-4001-4578-b54d-b35dfa55eba

Certificate url: [ude.my/UC-017e7d4f-4001-4578-b54d-b35dfa55eba](https://ude.my/UC-017e7d4f-4001-4578-b54d-b35dfa55eba)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Become a master of Pair of Linear Equations in Two Variables

Instructors **Lakshmi Narayana**

**Ronak Maira**

Date **May 21, 2023**

Length **16 total hours**



Certificate no: UC-4c841fc2-9ade-485e-9a71-b8146435dd66

Certificate url: [ude.my/UC-4c841fc2-9ade-485e-9a71-b8146435dd66](https://ude.my/UC-4c841fc2-9ade-485e-9a71-b8146435dd66)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Microsoft Playwright Course with Python

Instructors **Martin Yanev**

## Ronak Maira

Date **May 26, 2023**

Length **8 total hours**



THE UNIVERSITY  
*of* EDINBURGH

May 26, 2023

**Ronak Maira**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Yannis Liaras, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/Z05S188Pv02>

Coursera has verified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 30, 2023

Ronak Maira

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/B32ECZUDBU25>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-095615d5-31ef-4327-bf66-8fdcca0dc5f4

Certificate url: [ude.my/UC-095615d5-31ef-4327-bf66-8fdcca0dc5f4](https://udemy.com/UC-095615d5-31ef-4327-bf66-8fdcca0dc5f4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors **Md. A. Barik**

## Ronak Maira

Date **May 21, 2023**

Length **11.5 total hours**





**Georgia Institute**  
**of Technology**

has named

**Sougata Pal**

Assistant Professor

**Write Professional Emails in English**

in which students were evaluated by the professor of the following and other  
course courses

\_\_\_\_\_  
Sougata Pal  
Assistant Professor

**COURSE  
CERTIFICATE**



\_\_\_\_\_  
Sougata Pal  
Assistant Professor



Graduate

**Sougata Pal**

Executive Certificate

**A Life of Happiness and Fulfillment**

Executive Certificate was conferred by Indian School of Business on 08/09/2023.

*Rajiv K. Bajaj*

President  
Indian School of Business

COURSE  
CERTIFICATE



This certificate is a program of the Indian School of Business, Gurgaon, India. It is awarded to the holder of this certificate as a recognition of his/her achievement.





AMERICAN MUSEUM  
OF NATURAL HISTORY



July 14, 2012

**Sougata Pal**

Herpetology Graduate

**Ecology: Ecosystem Dynamics and Conservation**

Completed all course requirements for the degree of Master of Science in Herpetology, Herpetology Graduate Program, American Museum of Natural History

Sougata Pal  
Herpetology Graduate  
American Museum of Natural History

COURSE  
CERTIFICATE



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This certificate is valid for the purpose of the course and is not  
transferable to other courses.



1/21/2024

**Sougata Pal**

Successfully completed

**Getting Started with AWS Machine Learning**

Machine Learning course published by Amazon Web Services and Amazon SageMaker

Signature  
Date Completed  
AWS Account ID

**COURSE  
CERTIFICATE**



Verify at <https://coursera.org/certificates/11222222222222222222>  
Amazon Web Services and the logo of AWS, Amazon.com, and  
Amazon.com are trademarks of Amazon.com, Inc. or its affiliates.



# **ATLASSIAN** University

09/04/2024

**Sougata Pal**

has successfully completed

**Version Control with Git**

and has earned a certificate of completion for this course.



Signature  
Name  
Date

**COURSE  
CERTIFICATE**



This certificate is awarded by Atlassian University for the successful completion of the course "Version Control with Git".



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Udemy, the Udemy logo, and other marks contained herein are trademarks of Udemy Inc. in the United States and other countries.

CERTIFICATE OF COMPLETION

# Copywriting 2023 Persuasive Copy Writing Mastery with Dekker

Instructor: Dekker Prouse, MBA, Iyca Salasova

**Sougata Pal**

Date: May 7, 2023

Length: 12 total hours



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Reference number: 1004

CERTIFICATE OF COMPLETION

# Adobe Lightroom Masterclass - Beginner to Expert

Instructors: YouAccel Training

**Sougata Pal**

Date: May 14, 2022

Length: 8 total hours





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Reference Number: 0000

CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors: **Robert (Bob) Steele**

**Sougata Pal**

Date: **May 14, 2022**

Length: **21.5 total hours**





Certificate ID: UC-878642P-449-466-0009-UCB-0011004  
Certificate No: UC-878642P-449-466-0009-UCB-0011004  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Payroll - QuickBooks Online

Instructor: Robert (Bob) Steele

**Sougata Pal**

Date: May 14, 2022

Length: 14 total hours



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Reference Number: 1000

CERTIFICATE OF COMPLETION

# Governmental Accounting 300 Proprietary & Fiduciary Funds

Instructors: Robert (Bob) Steele

**Sougata Pal**

Date: May 14, 2022

Length: 18 total hours



2023-05-07 10:00:00  
Certificate of Completion  
Reference Number: 2023

CERTIFICATE OF COMPLETION

# The Complete Sales Skills Master Class - Sales Marketing B2B

Instructors: TJ Walker, Bob Berkowitz, Media Training Worldwide Digital

**Sougata Pal**

Date: May 7, 2023

Length: 30.5 total hours



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CERTIFICATE OF COMPLETION

# Neuroplasticity Life Coach Complete Certificate Course

Instructor: **ES Academy**

**Sougata Pal**

Date: **May 7, 2023**

Length: **3.5 total hours**







(Certificate ID: 48511612-1001-48511612-1001)  
Certificate ID: 48511612-1001-48511612-1001  
Reference Number: 1001

CERTIFICATE OF COMPLETION

# The Complete Drums Course From Scratch - For All Ages

Instructor: Patrick Abdo

**Sougata Pal**

Date: May 8, 2023

Length: 14.5 total hours







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Reference Number: 1004

CERTIFICATE OF COMPLETION

# Guitar & Microsoft Excel

Instructor: **Robert (Bob) Steele**

**Sougata Pal**

Date: **April 21, 2024**

Length: **42 total hours**



Certification UC/2024030-2810-4216-0000-8843072842  
Certified by UAC/HR/IC/2024030-2810-4216-0000-8843072842  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Certification in Principles and Practices of Management

Instructors: Human and Emotional CHRMt

**Sougata Pal**

Date: March 27, 2024

Length: 12 total hours





On 10/10/2017

**Sk Sakib**

has successfully completed

**Write Professional Emails in English**

issued by Georgia Institute of Technology, Georgia Institute of Technology, Georgia Institute of Technology

through Coursera.

Signature  
Name  
Title

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Certificate no: UC-689db8f4-25c5-4618-a2f3-aed6e94fed6

Certificate url: [ude.my/UC-689db8f4-25c5-4618-a2f3-aed6e94fed6](https://ude.my/UC-689db8f4-25c5-4618-a2f3-aed6e94fed6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 200.000+ Students

## Sk Sakib

Date **May 7, 2023**

Length **8.5 total hours**



Certificate no: UC-057195e3-f3ec-49da-bfd9-561d88b218de

Certificate url: [ude.my/UC-057195e3-f3ec-49da-bfd9-561d88b218de](https://ude.my/UC-057195e3-f3ec-49da-bfd9-561d88b218de)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Ultimate C++ Beginner Course | 2022

Instructors **Alaaeldin Mohamed**

## Sk Sakib

Date **May 7, 2023**

Length **13 total hours**



Certificate no: UC-6a8416ec-26d1-40d9-95d7-0aab511888b2

Certificate url: [ude.my/UC-6a8416ec-26d1-40d9-95d7-0aab511888b2](https://ude.my/UC-6a8416ec-26d1-40d9-95d7-0aab511888b2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

**Sk Sakib**

Date **May 7, 2023**

Length **10 total hours**





Certificate no: UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a

Certificate url: [ude.my/UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a](https://ude.my/UC-0e0a8bfb-a3ac-4847-a8d0-fc9fd20e5b4a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Sk Sakib**

Date **May 7, 2023**

Length **9.5 total hours**



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31523650458

To  
SK SAKIB  
PANDALAYUR, ANDANGA, NORTH 24 PARGANAS  
WEST BENGAL - 741126  
PH. NO. 987391212



Score	Type of Certificate
90-100	Elite+Gold
75-90	Elite+Silver
60-75	Elite
40-60	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University awards it to, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Faceted by the MoE, Govt. of India)



This certificate is awarded to

**SK SAKIB**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **67** %

Online Assignments	22.47/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

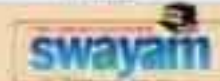
*Dr. Demetrius Jelilad*  
Prof. Demetrius Jelilad  
Director  
Center for Computing Education (CCE)

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thompson*  
Prof. Andrew Thompson  
NPTEL Course  
IT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31523650458

To verify and check score: <http://npTEL.ac.in/ve>



Certificate ID: 875644-826-454-1028-54285642856428  
Certificate ID: 875644-826-454-1028-54285642856428  
Issued on: 2024

CERTIFICATE OF COMPLETION

# Complete JavaScript, XML, AJAX and React Bootcamp - Hands-On

Instructor: YouAccel Training

**Sk Sakib**

Date: May 17, 2024

Length: 12.5 total hours



Udemy Inc. 3200 15th St. San Francisco, CA 94103  
Udemy Pvt. Ltd. 200/201, Connaught Place, New Delhi 110008, India  
Instructor Name: 2024

CERTIFICATE OF COMPLETION

# C Programming - Basics to Advanced Level

Instructors: FAISAL FIRDOUS

**Sk Sakib**

Date: Jan. 26, 2024

Length: 0 total hours



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Release Number: 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors: **Robert (Bob) Steele**

**Sk Sakib**

Date: **May 12, 2023**

Length: **128 total hours**



Certificate No. UC-800704-2024-05-18-0001  
Certificate awarded by Udemy Inc. for course completion  
Reference Number: 12345

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructors: **Robert (Bob) Steele**

**Sk Sakib**

Date: **May 18, 2024**

Length: **234 total hours**





Certificate no: UC-7172ddf0-4054-43bb-b14d-508a0f8c6b72

Certificate url: [ude.my/UC-7172ddf0-4054-43bb-b14d-508a0f8c6b72](https://ude.my/UC-7172ddf0-4054-43bb-b14d-508a0f8c6b72)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Development & Data Science: Variables and Data Types

Instructors **MTF Institute of Management, Technology and Finance**

**Sagun Mandi**

Date **May 17, 2024**

Length **1.5 total hours**

# CERTIFICATE

## OF COMPLETION

---

This certificate is proudly present to

*Sagun Mandi*

Has Successfully Completed the Certification  
Program in Graphic Design & Illustration  
offered by The Digital Adda

---



*Varun Nayyar*

---

FOUNDER & CEO

DA/GDI/22/12055

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REF NO

05/13/2024

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DATE





# CERTIFICATE OF COMPLETION

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*Sagun Mandi*

---

Has successfully completed the Certification Program in Artificial Intelligence offered by The Digital Adda

05/13/2024

DATE



DA/AI/22/15351

REF. NO

A handwritten signature in black ink, appearing to read 'Sagun Mandi', written over a horizontal line.

SIGNATURE



Certificate no: UC-8fde3139-30d3-4114-bfd8-017e9d5998f7

Certificate url: [ude.my/UC-8fde3139-30d3-4114-bfd8-017e9d5998f7](https://ude.my/UC-8fde3139-30d3-4114-bfd8-017e9d5998f7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# B2B SaaS Best Practices

Instructors **Deb Berman**

## Sagun Mandi

Date **May 17, 2024**

Length **2.5 total hours**



Certificate no: UC-20230508-00001-00001-00001-00001-00001  
Certificate for: udemy UC-20230508-00001-00001-00001-00001-00001  
Issued on: 08/05/2023

CERTIFICATE OF COMPLETION

# The Complete Microsoft Word Course: Master Microsoft Word

Instructors: Jan Ekhteyari, TJ Walker, Media Training Worldwide Digital

**Sagen Murmu**

Date: May 8, 2023

Length: 9.5 total hours





Certificate of Completion. This document is awarded by Udemy to recognize the completion of this course. It is not a diploma or degree. Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Sagen Murmu**

Date: April 1, 2023

Length: 24 total hours



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Udemy is a registered trademark of Udemy Inc.

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Sagen Murmu**

Date: April 4, 2023

Length: 22 total hours



Certificate ID: UC-CERTIFICATE-2024-0427-423-9512345678  
Certificate URL: <https://www.udacity.com/certificate/UC-CERTIFICATE-2024-0427-423-9512345678>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero vs. Excel

Instructors: **Robert (Bob) Steele**

**Sagen Murmu**

Date: **April 26, 2024**

Length: **69.5 total hours**



N/A





Certificate no: UC-3c1d089f-20ad-4e8d-b180-98946f034270

Certificate url: [ude.my/UC-3c1d089f-20ad-4e8d-b180-98946f034270](https://ude.my/UC-3c1d089f-20ad-4e8d-b180-98946f034270)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2024 Edition]

Instructors **Hassan Fulaih**

## Srijan Chakraborty

Date **April 28, 2024**

Length **60.5 total hours**



Certificate no: UC-88616886e-71a2-4b87-8411-8a1fb3a9114c

Certificate url: [ude.my/UC-88616886e-71a2-4b87-8411-8a1fb3a9114c](https://udemy.com/UC-88616886e-71a2-4b87-8411-8a1fb3a9114c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Stack Complete Course

Instructors **Horizon Tech**

## Srijan Chakraborty

Date **April 28, 2024**

Length **11.5 total hours**



Certificate no: UC-10553837-4601-4f5b-87f0-36b0d31b1063

Certificate url: [ude.my/UC-10553837-4601-4f5b-87f0-36b0d31b1063](https://ude.my/UC-10553837-4601-4f5b-87f0-36b0d31b1063)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Ultimate C++ Beginner Course | 2022

Instructors **Alaaeldin Mohamed**

## **Srijan Chakraborty**

Date **May 8, 2023**

Length **13 total hours**





Certificate no: UC-264443c0-9a2b-4688-bccb-3fc08adb9fae

Certificate url: [ude.my/UC-264443c0-9a2b-4688-bccb-3fc08adb9fae](https://ude.my/UC-264443c0-9a2b-4688-bccb-3fc08adb9fae)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Srijan Chakraborty

Date **May 7, 2023**

Length **9.5 total hours**



Certificate no: UC-72adf3a2-4065-43d2-8e62-4cd40fd56545

Certificate url: [ude.my/UC-72adf3a2-4065-43d2-8e62-4cd40fd56545](https://ude.my/UC-72adf3a2-4065-43d2-8e62-4cd40fd56545)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours

Instructors **Passive Income Gen Z**

## Srijan Chakraborty

Date **May 8, 2023**

Length **23 total hours**





Certificate no: UC-cc8ea9b1-769f-4b90-9acf-1e2ae46f2c5e

Certificate url: [ude.my/UC-cc8ea9b1-769f-4b90-9acf-1e2ae46f2c5e](https://ude.my/UC-cc8ea9b1-769f-4b90-9acf-1e2ae46f2c5e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Srijan Chakraborty**

Date **May 8, 2023**

Length **128 total hours**



# Georgia Institute of Technology

Jan 7, 2023

**Srijan Chakraborty**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

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University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

May 23, 2022

**Srijan Chakraborty**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Associate Professor  
Department of Communication  
University of Colorado Boulder

**COURSE  
CERTIFICATE**



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MANCHESTER  
1824

The University of Manchester

May 23, 2021

**Srijan Chakraborty**

has successfully completed

**Managing Responsibly: Practicing Sustainability,  
Responsibility and Ethics**

an online non-credit course authorized by University of Manchester and offered through  
Coursera

*Oliver Lasch Sally Randles* FRANK BOONS

Oliver Lasch, Dr. Sally Randles and Prof. Frank Boons  
University of Manchester

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participation in the course.



May 23, 2021

**Srijan Chakraborty**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



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Coursera has certified the identity of this individual and their participation in the course.





May 22, 2022

Srijan Chakraborty

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severack  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



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<https://coursera.org/verify/704u809u629>

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Certificate url: [ude.my/UC-da4effd7-9845-4760-9c7a-3294604ff985](https://ude.my/UC-da4effd7-9845-4760-9c7a-3294604ff985)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete English Grammar For Lower Levels

Instructors **Ülkü Küçükakın**

## Srijan Chakraborty

Date **May 17, 2024**

Length **29 total hours**

Session:2021-2022



Udemy

UNIVERSITY OF CREDENTIALS

## Master Budgets - Managerial Accounting/Cost Accounting

Author: Sourajit Nandy

Sourajit Nandy

Udemy

Udemy

UNIVERSITY OF CREDENTIALS

## HTML 5, Python, Flask Framework All In One Complete Course

Author: Sourajit Nandy

Sourajit Nandy

Udemy



Session:2022-2023

Udemy

IBS Hypnosis: Reduce your Irritable Bowel Syndrome Symptoms

Sourajit Nandy

Udemy course cover for "IBS Hypnosis: Reduce your Irritable Bowel Syndrome Symptoms" by Sourajit Nandy. The cover features the Udemy logo at the top left, the course title in large bold text, and the instructor's name at the bottom left.

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Sourajit Nandy

Udemy course cover for "SEO:Affiliate Marketing Website + SEO [255+ Videos] [22 Hours]" by Sourajit Nandy. The cover features the Udemy logo at the top left, the course title in large bold text, and the instructor's name at the bottom left.



Session:2023-2024



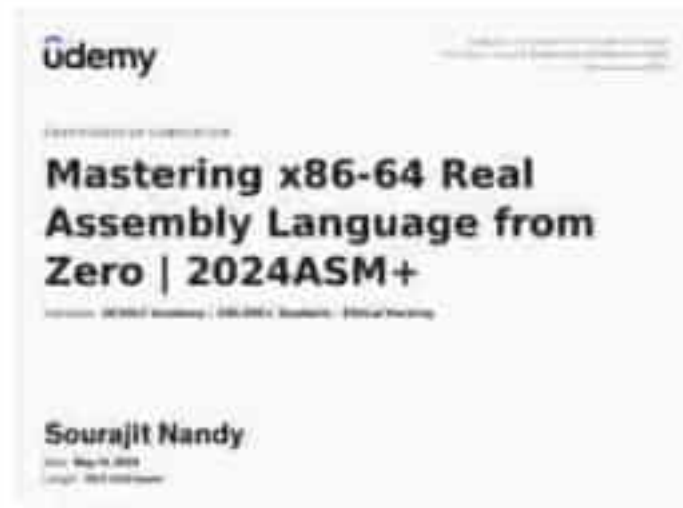
Udemy

COMPUTER SCIENCE

## PHP Laravel 2024: Build Coffee Shop Management System

Source: Udacity

**Sourajit Nandy**  
Jan 19, 2024  
Length: 8 hours



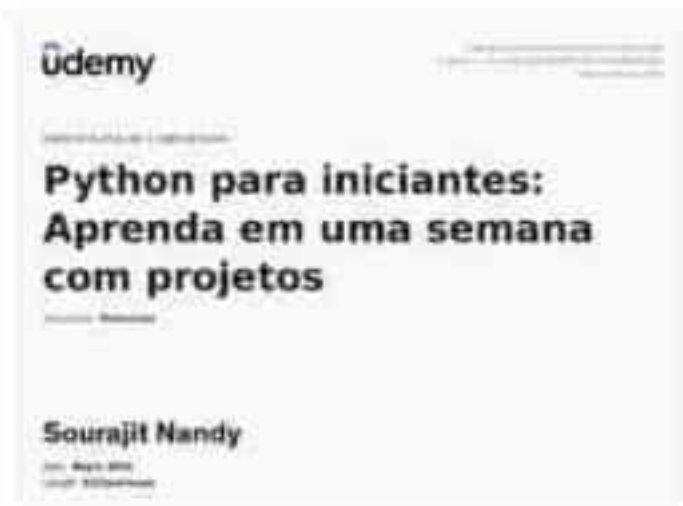
Udemy

COMPUTER SCIENCE

## Mastering x86-64 Real Assembly Language from Zero | 2024ASM+

Source: 2024 ASM+ | 2024 ASM+ | 2024 ASM+ | 2024 ASM+

**Sourajit Nandy**  
Jan 19, 2024  
Length: 8 hours



Udemy

COMPUTER SCIENCE

## Python para iniciantes: Aprenda em uma semana com projetos

Source: Udacity

**Sourajit Nandy**  
Jan 19, 2024  
Length: 8 hours



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **MD SAJJAD ATTARI** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay



# Georgia Institute of Technology

May 18, 2021

Md Sajjad Attari

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



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<https://coursera.org/verify/P66392GAPRT>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Jan 7, 2022

**Md Sajjad Attari**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan PhD  
McCombs School of Business  
Indian School of Business

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Coursera has confirmed the identity of this individual and their participation in the course.

# UCI Division of Continuing Education

Jan 7, 2022

## Md Sajjad Attari

has successfully completed

### Communication in the 21st Century Workplace

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Diane Spiegel,  
Executive Coach

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of the individual and their participation in the course.





DARDEN SCHOOL  
of BUSINESS

Jan 7, 2022

**Md Sajjad Attari**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CVVB/CU656328>

Coursera has verified the identity of this individual and their participation in the course.

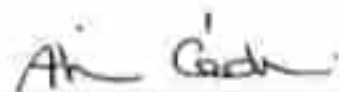
May 13, 2023

MD SAJJAD ATTARI

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Fitzpatrick, PhD  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Management, and Philosophy

Verify at:  
<https://coursera.org/verify/UMMS1THKRTCS>

Coursera has confirmed the identity of this individual and their  
participation in the course.



May 13, 2023

**MD SAJJAD ATTARI**

has successfully completed

**Business Analytics with Excel; Elementary to Advanced**

an online non-credit course authorized by Johns Hopkins University and offered through Coursera.

A handwritten signature in black ink, appearing to read "J. Claxton".

Joseph W. Claxton, PhD  
Associate Teaching Professor and Director of Online Programs

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/2DSTRAVB7TC3>

Coursera has verified the identity of this individual and their participation in the course.



May 12, 2023

**MD SAJJAD ATTARI**

has successfully completed

**Python for Data Science, AI & Development**

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarone  
Senior Data Scientist  
IBM

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/4AY44VTGCHAH>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-72176fc0-fa98-4a51-8137-5ab9a9582f9b  
Certificate url: [ude.my/UC-72176fc0-fa98-4a51-8137-5ab9a9582f9b](https://ude.my/UC-72176fc0-fa98-4a51-8137-5ab9a9582f9b)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Public Relations for Startups 2023

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Md Sajjad Attari**

Date **May 15, 2023**

Length **4.5 total hours**







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CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors: Robert (Bob) Steele, Jane Clark

**Sagen Murmu**

Date: April 1, 2023

Length: 24 total hours



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Udemy Inc. 2023. All rights reserved.

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructor: Robert (Bob) Steele

**Sagen Murmu**

Date: April 4, 2023

Length: 22 total hours



Certificate ID: UC-CERTIFICATE-2024-0427-423-9512345678  
Certificate URL: <https://www.udacity.com/certificate/UC-CERTIFICATE-2024-0427-423-9512345678>  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Xero vs. Excel

Instructors: **Robert (Bob) Steele**

**Sagen Murmu**

Date: **April 26, 2024**

Length: **69.5 total hours**







**SkillUP**

by Simplilearn

## Declaration of Completion

**Bishal Das**

has successfully completed the online course:

**Introduction to SQL**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12<sup>th</sup> Jun 2022

Certificate code : 3522940



**Krishna Kumar**  
CEO



## Declaration of Completion

**Bishal Das**

has successfully completed the online course:

**Python for Beginners**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

10<sup>th</sup> Jun 2022

Certificate code : 3518969

**Krishna Kumar**  
CEO



**SkillUP**

by Simplilearn

## Declaration of Completion

**Bishal Das**

has successfully completed the online course:

**Java Certification Course**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

10<sup>th</sup> Jun 2022

Certificate code : 3518612



**Krishna Kumar**  
CEO



**SkillUP**

by Simplilearn

## Declaration of Completion

**Bishal Das**

has successfully completed the online course:

**Full Stack Development for Beginners**

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12<sup>th</sup> Jun 2022

Certificate code : 3523929



**Krishna Kumar**  
CEO



Certificate no: UC-26e39065-1e7e-4ba9-9fdd-39a29f8a830d

Certificate url: [udemy.com/UC-26e39065-1e7e-4ba9-9fdd-39a29f8a830d](https://udemy.com/UC-26e39065-1e7e-4ba9-9fdd-39a29f8a830d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 50 Days of DSA PYTHON Data Structures & Algorithms LEETCODE

Instructors **Jackson Kailath**

**Bishal Das**

Date **May 15, 2024**

Length **48 total hours**





Certificate no: UC-15bb4eb2-d688-41b0-8c80-988fb56585f8  
Certificate url: [ude.my/UC-15bb4eb2-d688-41b0-8c80-988fb56585f8](https://ude.my/UC-15bb4eb2-d688-41b0-8c80-988fb56585f8)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# PHP for Beginners 2024: Build Complete Ecommerce Store

Instructors **Web Coding**

**Bishal Das**

Date **May 15, 2024**

Length **10 total hours**



Certificate no: UC-634607c5-69b8-4015-9219-d01ff6590752

Certificate url: [udemy.com/UC-634607c5-69b8-4015-9219-d01ff6590752](https://udemy.com/UC-634607c5-69b8-4015-9219-d01ff6590752)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Human Resources Management

Instructors **MTF Institute of Management, Technology and Finance**

**Bishal Das**

Date **May 15, 2024**

Length **11.5 total hours**



Certificate no: UC-f7e3b326-f93d-4606-a907-5281fd3568b

Certificate url: [ude.my/UC-f7e3b326-f93d-4606-a907-5281fd3568b](https://ude.my/UC-f7e3b326-f93d-4606-a907-5281fd3568b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Bishal Das**

Date **May 15, 2024**

Length **8 total hours**



Certificate no: UC-62846977-28be-4760-972b-b21b73541357

Certificate url: [ude.my/UC-62846977-28be-4760-972b-b21b73541357](https://ude.my/UC-62846977-28be-4760-972b-b21b73541357)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors **PROPER DOT INSTITUTE**

**Bishal Das**

Date **May 15, 2024**

Length **8 total hours**





Certificate no: UC-a4df4811-dd3e-456e-982e-8ae1cf868dc4

Certificate url: [ude.my/UC-a4df4811-dd3e-456e-982e-8ae1cf868dc4](https://ude.my/UC-a4df4811-dd3e-456e-982e-8ae1cf868dc4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Strategic Human Resource Management (SHRM) Certification

Instructors **Petar Dimov**

**Bishal Das**

Date **May 15, 2024**

Length **9 total hours**





Certificate no: UC-a37076fd-64fa-4eca-a1fe-b1db21e82b5c  
Certificate url: [ude.my/UC-a37076fd-64fa-4eca-a1fe-b1db21e82b5c](https://ude.my/UC-a37076fd-64fa-4eca-a1fe-b1db21e82b5c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mini MBA in Innovations and Digital Transformation

Instructors **MTF Institute of Management, Technology and Finance**

**Bishal Das**

Date **May 15, 2024**

Length **10.5 total hours**



Certificate no: UC-e611f526-66c3-4a43-aac8-921b0684dd99  
Certificate url: [ude.my/UC-e611f526-66c3-4a43-aac8-921b0684dd99](https://ude.my/UC-e611f526-66c3-4a43-aac8-921b0684dd99)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# AWS Certified Cloud Practitioner

Instructors **Deepak Dubey**

## Bishal Das

Date **May 15, 2024**

Length **24 total hours**



Certificate no: UC-14ece270-fdda-4818-bb6f-11a807e6e1a0

Certificate url: [ude.my/UC-14ece270-fdda-4818-bb6f-11a807e6e1a0](https://ude.my/UC-14ece270-fdda-4818-bb6f-11a807e6e1a0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Primavera P6 Project Planning and Scheduling Masterclass

Instructors **Basharat Bhatti**

## **Bishal Das**

Date **May 31, 2023**

Length **16.5 total hours**



Certificate no: UC-9d83d07c-9dde-40a4-9052-d95d09f51193  
Certificate url: [ude.my/UC-9d83d07c-9dde-40a4-9052-d95d09f51193](https://ude.my/UC-9d83d07c-9dde-40a4-9052-d95d09f51193)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Sayan Santra

Date **March 23, 2023**

Length **34 total hours**





Certificate no: UC-6c9609ea-0354-4fea-ab3c-60f19c6fa5f9

Certificate url: [ude.my/UC-6c9609ea-0354-4fea-ab3c-60f19c6fa5f9](https://ude.my/UC-6c9609ea-0354-4fea-ab3c-60f19c6fa5f9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors **Horizon Tech**

## Abhrajit Saha

Date **May 11, 2024**

Length **18.5 total hours**





Certificate no: UC-04a20c80-521e-43de-8a07-3b4ef633b1e9

Certificate url: [ude.my/UC-04a20c80-521e-43de-8a07-3b4ef633b1e9](https://ude.my/UC-04a20c80-521e-43de-8a07-3b4ef633b1e9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering Active Directory: Manage and Optimize The Network

Instructors **Mohammed Asif Khan**

**Abhrajit Saha**

Date **May 11, 2024**

Length **17 total hours**



Certificate no: UC-0005362b-e77c-4e05-bd19-7c729953b8c9  
Certificate url: [ude.my/UC-0005362b-e77c-4e05-bd19-7c729953b8c9](https://ude.my/UC-0005362b-e77c-4e05-bd19-7c729953b8c9)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Complete Master Course (Updated to C# 10)

Instructors **Driss CHARQI**

## Abhrajit Saha

Date **March 31, 2023**

Length **20.5 total hours**



Certificate no: UC-0c05b5e1-d657-49d1-9a6a-b24a71475330

Certificate url: [ude.my/UC-0c05b5e1-d657-49d1-9a6a-b24a71475330](https://ude.my/UC-0c05b5e1-d657-49d1-9a6a-b24a71475330)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Local SEO & Facebook Ads As Project & Fun: 10 Days Challenge

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Abhrajit Saha

Date **March 30, 2023**

Length **12.5 total hours**





Certificate no: UC-68e61480-051b-479f-996a-e7b6e8273cbc  
Certificate url: [ude.my/UC-68e61480-051b-479f-996a-e7b6e8273cbc](https://ude.my/UC-68e61480-051b-479f-996a-e7b6e8273cbc)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python : Master Programming and Development with 15 Projects

Instructors **Dev Nirwal**

**Abhrajit Saha**

Date **March 31, 2023**

Length **32 total hours**



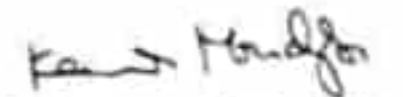
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ABHRAJIT SAHA** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay





# Georgia Institute of Technology

Dec 25, 2022

**Abhrajit Saha**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/2XKDFASH1881>

Coursera has certified the identity of this individual and their participation in the course.

# Yale

April 20, 2022

## Abhrajit Saha

has successfully completed

### Moralities of Everyday Life

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/L2HMIAAAUNFC>

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 22, 2022

**Abhrajit Saha**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DVGTRMFE4T2>

Coursera has confirmed the identity of this individual and their participation in the course.

May 23, 2023

**Abhrajit Saha**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidjenti, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Pappas, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:

<https://coursera.org/verify/7B2DU0G96JIT>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: JAC-9233wqH-v00-4558-1372-0732w8e-4500  
Certificate url: www.udemy.com/certificate/UC-9233wqH-v00-4558-1372-0732w8e-4500  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors: **PROPER DOT INSTITUTE**

**Abhijit Mondal**

Date: **May 19, 2024**

Length: **8 total hours**





Certificate ID: UC-85ac7872-4d7c-44e1-805a-27549204e441  
Certificate of completion for UC-85ac7872-4d7c-44e1-805a-27549204e441  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **LATEST | Learn Advanced Python Programming | SOURCE CODE**

Instructors: **Faisal Zamir, Jafri Code, Pro Python Support**

**Abhijit Mondal**

Date: **May 21, 2024**

Length: **10.5 total hours**



Certificate ID: UC-402563-4234-4776-8824-8424640745  
Certificate URL: udemy/certificate/402563-4234-4776-8824-8424640745  
Release Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors: **Horizon Tech**

**Abhijit Mondal**

Date: **May 14, 2024**

Length: **8 total hours**



Certificate ID: UC-1234567890-1234-5678-9012-3456789012  
Certificate URL: [www.udemy.com/certificate/UC-1234567890-1234-5678-9012-3456789012](#)  
Release Number: 0004

CERTIFICATE OF COMPLETION

# Python And Django Framework And HTML 5 Stack Complete Course

Instructors: **Horizon Tech**

**Abhijit Mondal**

Date: **May 13, 2024**

Length: **11.5 total hours**



# Certificate

We certify that **Trishagni Banik**  
has completed the following courses on our platform:



English listening practice by English with Lucy

08 hours 08 minutes - From 24/05/2024 to 24/05/2024

Adílio Medeiros Duarte  
Executive Director - Cursa

Student Signature  
Trishagni Banik

u4352612

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my/certificate](https://cursa.app/en/my/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Trishagni Banik**  
has completed the following courses on our platform:



**Ethical hacking for beginners by Edureka**

21 hours 04 minutes - From 24/05/2024 to 24/05/2024

Adílio Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Trishagni Banik

u4352612

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my/certificate](https://cursa.app/en/my/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Trishagni Banik**  
has completed the following courses on our platform:



**Artificial Intelligence with Python by CS50**

12 hours 40 minutes - From 30/05/2024 to 30/05/2024

Adílio Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Trishagni Banik

u4352612

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my/certificate](https://cursa.app/en/my/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Trishagni Banik**  
has completed the following courses on our platform:



Python with Django complete course by Telusko

15 hours 01 minutes - From 24/05/2024 to 24/05/2024

Adílio Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Trishagni Banik

u4352612

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my/certificate](https://cursa.app/en/my/certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-a1fd2516-b153-4596-b928-13f4cdffbef5  
Certificate url: [ude.my/UC-a1fd2516-b153-4596-b928-13f4cdffbef5](https://ude.my/UC-a1fd2516-b153-4596-b928-13f4cdffbef5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate Electrical Design and Fundamentals

Instructors **Danny Hiew**

**Subhodip Jana**

Date **April 27, 2024**

Length **21 total hours**



Certificate no: UC-de38d0d6-af04-4ef0-a5d7-741c8b78efc2

Certificate url: [ude.my/UC-de38d0d6-af04-4ef0-a5d7-741c8b78efc2](https://ude.my/UC-de38d0d6-af04-4ef0-a5d7-741c8b78efc2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# DaVinci Resolve 2023: Beginner to Advanced in DaVinci 18

Instructors **Marius Manola**

## Subhodip Jana

Date **May 6, 2023**

Length **10 total hours**





Certificate no: UC-035ded4e-ce92-4993-aa8f-450ed32ea645

Certificate url: [ude.my/UC-035ded4e-ce92-4993-aa8f-450ed32ea645](https://udemy.com/certificate/UC-035ded4e-ce92-4993-aa8f-450ed32ea645)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Advertising Course + ChatGPT Guide 2024

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Subhodip Jana**

Date **April 27, 2024**

Length **35 total hours**





Certificate no: UC-87218f2e-5a2d-4930-bc0c-c68e15ff9ce  
Certificate url: [ude.my/UC-87218f2e-5a2d-4930-bc0c-c68e15ff9ce](https://ude.my/UC-87218f2e-5a2d-4930-bc0c-c68e15ff9ce)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering x86-64 Real Assembly Language from Zero | 2024ASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Subhodip Jana

Date **April 27, 2024**

Length **20.5 total hours**



Certificate no: UC-57ebe13a-e30d-4a53-820f-8bb2197844b2

Certificate url: [ude.my/UC-57ebe13a-e30d-4a53-820f-8bb2197844b2](https://ude.my/UC-57ebe13a-e30d-4a53-820f-8bb2197844b2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Bootstrap & React Bootcamp with Hands-On Projects

Instructors **YouAccel Training**

**Subhodip Jana**

Date **May 6, 2023**

Length **13 total hours**



# Georgia Institute of Technology

31 Dec. 2022

**Subhodip Jana**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/88H2T382XUJ5>

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

18 May, 2021

**Subhodip Jana**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukh, Duncan Pritchard, Yaelin Leraida, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/O3ZT9s12B305>

Coursera has verified the identity of this individual and their  
participation in the course.





1 Jun, 2023

**Subhodip Jana**

has successfully completed

**Programming Foundations with JavaScript, HTML  
and CSS**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Susan K. Rudge".

Susan K. Rudge, Professor of the Practice, Computer Science  
William David, Associate Professor, Computer Science  
Owen Auerbach, Professor of the Practice, Computer Science  
Andrew D. Hillman, Assistant Professor of the Practice, Electrical and Computer Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/92689DE488>

Coursera has certified the identity of this individual and their participation in the course.





Certificate no: UC-8f681af2-ad03-4862-b6da-5f6915564d2d

Certificate url: [ude.my/UC-8f681af2-ad03-4862-b6da-5f6915564d2d](https://udemy.com/certificate/UC-8f681af2-ad03-4862-b6da-5f6915564d2d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python : Master Programming and Development with 15 Projects

Instructors **Dev Nirwal**

**Subhodip Jana**

Date **May 6, 2023**

Length **32 total hours**

# **M** UNIVERSITY OF MICHIGAN

Jan 7, 2022

**Subhodip Jana**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/DABNKE5H01VZ>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: 05440000-2020-0000-0000-000000000000  
Certificate for Udemy/Certificate ID: 05440000-2020-0000-0000-000000000000  
Udemy Number: 0000

CERTIFICATE OF COMPLETION

# Create your Ecommerce site on WordPress (No Coding Required)

Instructors: Rohan Ajgaonkar

**Alokjit Halder**

Date: April 8, 2023

Length: 10.5 total hours



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CERTIFICATE OF COMPLETION

# Complete Web Designing Course | Web-Development BootCamp

Instructors: *Faisal Zamir, Jafri Code*

**Alokjit Halder**

Date: *March 25, 2023*

Length: *27 total hours*



DARDEN SCHOOL  
of BUSINESS

MAY 20, 2020

**Alokjit Halder**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*May C. Justice*

May C. Justice  
Dean, Darden School of Business  
University of Virginia  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificates/12678126>

Coursera has validated the accuracy of the information and digital  
signature on this certificate.



**Imperial College  
London**

MAR 21, 2025

**Alokjit Halder**

has successfully completed

**Creative Thinking: Techniques and Tools for  
Success**

an online non-credit course authorized by Imperial College London and offered through  
Coursera



Peter Cook  
Head of the School's Centre of Energy Systems  
Mechanical Energy Engineering

**COURSE  
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of EDINBURGH

May 12, 2017

**Alokjit Halder**

has successfully completed

**Introduction to Philosophy**

as your student record is verified by The University of Edinburgh and a third  
through Coursera.

Prof. Andrew Blyth is the Director of the Centre for Applied Philosophy and Public Ethics  
Department of Philosophy  
University of Edinburgh

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Reference Number: 0004

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors **Jackson Kailath**

## **Atanu Karmakar**

Date **May 1, 2024**

Length **19.5 total hours**



Certificate no: UC-1a8c0bb1-94b9-4b93-be08-24e402e05f4b

Certificate url: [udemy.com/certificate/UC-1a8c0bb1-94b9-4b93-be08-24e402e05f4b](https://udemy.com/certificate/UC-1a8c0bb1-94b9-4b93-be08-24e402e05f4b)

Reference Number: 0004

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# Complete Python and Machine Learning in Financial Analysis

Instructors **S. Emadedin Hashemi**

## Atanu Karmakar

Date **May 1, 2024**

Length **20.5 total hours**



Certificate no: UC-5f747ba9-e050-4d38-b908-7463d4f66948  
Certificate url: [ude.my/UC-5f747ba9-e050-4d38-b908-7463d4f66948](https://ude.my/UC-5f747ba9-e050-4d38-b908-7463d4f66948)  
Reference Number: 0004

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# Learn Persian Language: Discover the Beauty of Farsi

Instructors **Amin Dehghan**

## **Atanu Karmakar**

Date **April 3, 2023**

Length **14.5 total hours**





Certificate no: UC-dd4ea9fc-874c-46ee-b890-c19ae70d7ab0

Certificate url: [udemy.com/UC-dd4ea9fc-874c-46ee-b890-c19ae70d7ab0](https://udemy.com/UC-dd4ea9fc-874c-46ee-b890-c19ae70d7ab0)

Reference Number: 0004

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# Become a PHP Pro: A Step-by-Step Guide for Beginners 2023

Instructors **Scorpius Academy**

**Atanu Karmakar**

Date **April 3, 2023**

Length **11 total hours**



Certificate no: UC-76022ca6-1721-47d9-8af5-2cff2e94e0fb

Certificate url: [ude.my/UC-76022ca6-1721-47d9-8af5-2cff2e94e0fb](https://ude.my/UC-76022ca6-1721-47d9-8af5-2cff2e94e0fb)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Local SEO & Facebook Ads As Project & Fun: 10 Days Challenge

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Atanu Karmakar

Date **April 1, 2023**

Length **12.5 total hours**



Certificate no: UC-7d247df5-f9dd-448a-aea8-f1a70dd8bad5  
Certificate url: [ude.my/UC-7d247df5-f9dd-448a-aea8-f1a70dd8bad5](https://udemy.com/certificate/UC-7d247df5-f9dd-448a-aea8-f1a70dd8bad5)  
Reference Number: 0004

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# Configure NGINX on a Cloud Server: Digital Ocean & AWS

Instructors **YouAccel Training**

**Atanu Karmakar**

Date **March 28, 2023**

Length **9.5 total hours**





Certificate no: UC-62aadafo-454d-4ba3-bb52-061613f74731

Certificate url: [ude.my/UC-62aadafo-454d-4ba3-bb52-061613f74731](https://ude.my/UC-62aadafo-454d-4ba3-bb52-061613f74731)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Meta Ads for Beginners: Pixel, Catalog Sales & Facebook Shop

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

## Atanu Karmakar

Date **May 1, 2024**

Length **8 total hours**



# Georgia Institute of Technology

Jan 12, 2022

**Debjani Roy**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/PN66TC91fcd8>

Coursera has certified the identity of this individual and their participation in the course.



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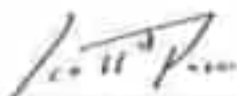
Apr 30, 2023

Debjani Roy

has successfully completed

Model Thinking

an online non-credit course authorized by University of Michigan and offered through Coursera



SCOTT PAGE  
KIMBLEE DEEPTI SHARMA LEARNING DESIGNER UNIVERSITY PROFESSOR  
UNIVERSITY OF MICHIGAN

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THE UNIVERSITY  
*of* EDINBURGH

1st Nov. 2022

**Debjani Roy**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Duncan Pritchard, Yulia Lomda, Matthew Crumson, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

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<https://coursera.org/verify/7A3584A18VEU>

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Certificate url: [ude.my/UC-88e8c167-5b96-4ad3-82ac-38d037b3de48](https://ude.my/UC-88e8c167-5b96-4ad3-82ac-38d037b3de48)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors **Robert (Bob) Steele**

## Debjani Roy

Date **May 13, 2022**

Length **25 total hours**



Certificate no: UC-9b5b82e4-32d4-471d-8cbc-fe8758731470

Certificate url: [ude.my/UC-9b5b82e4-32d4-471d-8cbc-fe8758731470](https://ude.my/UC-9b5b82e4-32d4-471d-8cbc-fe8758731470)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Copywriting & SEO for Beginners: Complete Copywriting Course

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Debjani Roy

Date **March 26, 2023**

Length **12 total hours**





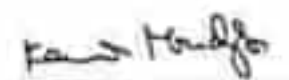
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **DEBJANI ROY** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Karan M Nandakumar  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India





Certificate no: UC-aa2c4a1b-23be-4c08-8493-12891e214cc7

Certificate url: [ude.my/UC-aa2c4a1b-23be-4c08-8493-12891e214cc7](https://ude.my/UC-aa2c4a1b-23be-4c08-8493-12891e214cc7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Project for Project Manager & Civil Engineers - MSP

Instructors **Akshay Kamath**

## Debjani Roy

Date **May 11, 2024**

Length **23 total hours**



Certificate no: UC-f40ec8dd-70dd-4ec5-b7bf-88d88f537ad2

Certificate url: [ude.my/UC-f40ec8dd-70dd-4ec5-b7bf-88d88f537ad2](https://ude.my/UC-f40ec8dd-70dd-4ec5-b7bf-88d88f537ad2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Demonstrations Practice Course

Instructors **Horizon Tech**

**Debjani Roy**

Date **June 7, 2022**

Length **8 total hours**



Certificate no: UC-5c27ee6f-bf40-44b7-a968-f4fc37a0bf9c  
Certificate url: [ude.my/UC-5c27ee6f-bf40-44b7-a968-f4fc37a0bf9c](https://ude.my/UC-5c27ee6f-bf40-44b7-a968-f4fc37a0bf9c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Web Designing Course | Web-Development BootCamp

Instructors **Faisal Zamir, Jafri Code**

## Debjani Roy

Date **March 25, 2023**

Length **27 total hours**



THE UNIVERSITY  
of EDINBURGH

Edinburgh

**MITRAJIT MAITY**

Edinburgh, Scotland

Introduction to Philosophy

Specialist Award conferred by the University of Edinburgh and Coursera

*Mitrajit Maity*  
2014-12-15

Specialist Award conferred by the University of Edinburgh and Coursera

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www.gatech.edu/course/wpe

A handwritten signature in black ink, appearing to read "David J. Reardon".

David J. Reardon  
Dean of the College of Business

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EDUCATION

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Specialty: Computer Science

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SANTA CRUZ



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# Become a master of Pair of Linear Equations in Two Variables

Instructors: Lakshmi Narayana

**Mitrajit Maity**

Date: May 21, 2023

Length: 16 total hours



Certificate ID: UC-922948-4756-648-5481-025612324567  
Certificate URL: UC-922948-4756-648-5481-025612324567  
Issued on: May 21, 2023

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors: Md. A. Barik

**Mitrajit Maity**

Date: May 21, 2023

Length: 11.5 total hours



Certificate no: UC-7eb63dd9-bb06-430c-b7fe-7ddccca4655d

Certificate url: [udemy.com/certificate/UC-7eb63dd9-bb06-430c-b7fe-7ddccca4655d](https://udemy.com/certificate/UC-7eb63dd9-bb06-430c-b7fe-7ddccca4655d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Docker Mastery: with Kubernetes + Swarm from a Docker Captain

Instructors **Bret Fisher, Docker Captain Program**

**Devparno Mukherjee**

Date **May 15, 2024**

Length **21.5 total hours**



Certificate no: UC-c9eb165b-bc73-4188-9d15-c7e23b982e88  
Certificate url: [ude.my/UC-c9eb165b-bc73-4188-9d15-c7e23b982e88](https://ude.my/UC-c9eb165b-bc73-4188-9d15-c7e23b982e88)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Go - The Complete Guide

Instructors **Maximilian Schwarzmüller**

## Devparno Mukherjee

Date **May 15, 2024**

Length **15.5 total hours**





Certificate no: UC-8f98114d-0bb0-4e3c-b550-5df322255692

Certificate url: [ude.my/UC-8f98114d-0bb0-4e3c-b550-5df322255692](https://ude.my/UC-8f98114d-0bb0-4e3c-b550-5df322255692)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# BUG BOUNTY HUNTING WITH BURP SUITE

Instructors **Prin Sharma**

## Devparno Mukherjee

Date **May 15, 2024**

Length **8 total hours**



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# HTML 5, Python, Flask Framework All In One Complete Course

Instructor: **Salma Jesmin**

**Salma Jesmin**

Date: **May 1, 2020**  
Length: **8.8 hours**

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CERTIFICATE OF COMPLETION

# Software architecture

Instructor: **DR. RAJESH K. SINGH, IIT Bombay**

**Salma Jesmin**

Date: **May 1, 2020**  
Length: **8.2 total hours**

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# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Presented by **Andy Robbins**, Lead IT Specialist

**Salma Jesmin**

Issued: May 5, 2022  
Length: 10.5 total hours

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# Java Test Automation Engineer - from Zero to Hero

Instructor: [Egemen Tanir](#) (Senior QA Engineer, Oracle Primavera, Level II University)

**Salma Jesmin**

Date: May 15, 2019

Length: 16.5 total hours

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# Google Workspace (G Suite) Ultimate Course 2021

Author: Learn Tech Plus

**Salma Jesmin**

Date: May 11, 2021

Length: 18 total hours

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# Online Business – Work from Home

Instructor: Robert (Bob) Brown

**Salma jesmin**

Date: May 16, 2020  
Length: 18 total hours

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# PHP with MySQL 2023: Build Real Estate Management System

Instructor: **Web Coding**

**Salma jesmin**

Date: **May 16, 2023**  
Length: **8.5 hours**

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# Real time Automation+Manual Interview Questions with Answers

by **Salma Jesmin**

**Salma jesmin**

Issued May 14, 2019  
Length 8.5 total hours

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# Learn Chinese Language: Everyday & Business Chinese BEGINNER

Instructor: **Sanjay Singh**

**Salma Jesmin**

Date: **May 14, 2022**  
Length: **30 total hours**

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# Copywriting 2023 Persuasive Copy Writing Mastery with Dekker

Instructor: Salma Jesmin, MBA, Copywriter

**Salma Jesmin**

Date: May 16, 2023

Length: 12 hours

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CERTIFICATE OF COMPLETION

# 6 Weeks Bootcamp for Civil & Construction Engineer From Zero

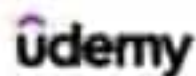
Instructor: **Shahid Hussain**

**Salma Jesmin**

Date: **May 16, 2022**

Length: **24 total hours**

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# Social Media Joyride with ChatGPT & Gemini AI for Beginners

Instructor: **Dr. Salma Jesmin**

**Salma jesmin**

Date: **May 1, 2024**  
Length: **2 total hours**

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# Complete Software Engineering Course : Build Better Software

Instructor: **Ngurah Setiawan**

**Salma Jesmin**

Date: **May 6, 2024**  
Length: **10 hours 15 mins**

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CERTIFICATE OF COMPLETION

# Python for Data Science with Assignments

Instructor: **Marcelo Soares**

**Salma jesmin**

Date: **May 8, 2019**

Length: **8.5 total hours**

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CERTIFICATE OF COMPLETION

# **AWS Beginner to Intermediate: EC2, IAM, ELB, ASG, Route 53**

Instructor: **Salma Jesmin**

**Salma jesmin**

Date: **May 6, 2024**

Length: **2.8 total hours**

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Website: <http://www.mhrtnats.gov.in/>

## APPRENTICESHIP CONTRACT REGISTRATION FORM



### APPRENTICE INFORMATION

Name	Gender	Date of Birth	Age	
Nikamal Das	Male	29-Jul-2002	21	
Father / Mother Name	Employment Number	Class	NYO	
Fajma Das	EWB0008020001006	OTHERS	NO	
Address for Communication		Mobile Number	Email Address	
Bansdaha, T Sadpur Mah, Bakurthapur Chowmah Magra, HOOGHLY WEST BENGAL - 712503		9330048862	sashikama246@gmail.com	

### EDUCATIONAL QUALIFICATION

Name of the Institution / College / University	Univ. Regn. Number / DTE / DTE Regn. Number / K2 Regn.	Month & Year of passing	Educational Qualification
HOOGHLY INSTITUTE OF TECHNOLOGY	0162008380	Aug-2022	Technician in MECHANICAL ENGINEERING (Engineering)

### TRAINING DETAILS

Training start date	Period of Training	Stipend Rs. per month	The apprentice would be undergoing training under section 22 (1)
10-Jul-2023	12 Months	\$2000	
Contract Regn. No.	Approved On	Approved By	
EWBDR23008000042	11-Aug-2023	WEGofficer	

### NAME AND ADDRESS OF THE EMPLOYER

Waste Industries PVT.LTD - EWBHRP000042  
62/1 Bhattacharjee, Bhattacharjee, Livan  
HOWRAH, WEST BENGAL - 711203

We, the Employer/ Apprentice hereby declare that we have read the contents of the Apprenticeship Contracts as per the Apprenticeship Rules, 1982, as amended from time to time and agree to abide by all the provisions made thereunder. We also declare that all the provisions of the Apprentices Act, 1961, as amended from time to time including those relating to Registration and Termination of Contract are binding on us. However, we declare that the 30% stipendary reimbursement for this contract shall not be claimed from the Government of India. According to the apprentice: It is inferred, that the apprentice has not undergone apprenticeship training elsewhere or had work. We will impart Apprenticeship training according to the approved training module/programme.

It is requested that the Registration Number may kindly be noted in your records and the claims for the reimbursement of Government share of stipend if any, may please be sent to this office once in a quarter along with Progress Report of the apprentices in the prescribed Form Apprenticeship -3.

### NOTE

This is system generated ACRF document. Agreeing to the terms and conditions in the workflow is as good as signing of physical contract form on mutual agreement between Student and Establishment. It has all legal binding as per the law if mutual trust is breached.

IP address of Establishment submitting this request: 172.31.1.254 IP address of student accepting this request: NA

## TERMS AND CONDITIONS OF THE CONTRACT OF APPRENTICESHIP FOR GRADUATE AND TECHNICIAN APPRENTICES

1. The period of training shall be one year (In the case of Sandwich students the period of the training shall be as stipulated in curriculum)
  2. It shall not be obligatory on part of the employer to offer any employment to the apprentice on successfully completing the apprenticeship training in their establishment nor shall it be obligatory on part of the apprentice to accept an employment under the employer  
NOTE: If, however, there is a condition in the contract of apprenticeship that the apprentice shall after the successful completion of training serve the employer, the employer shall, on such completion be bound to offer suitable employment to the apprentice and the apprentice shall be bound to serve the employer in that capacity for such period and for such remuneration as may be specified in the contract subject to the approval of the Central Apprenticeship Adviser.
  3. Every apprentice undergoing apprenticeship training in an establishment shall be a trainee and not a worker and as such the provisions of any law with respect to labor shall not apply to or in relation to such apprentice
  4. (i) The apprentice shall abide by the rules and regulations of the establishment in all matters of conduct and discipline and safety and carry all lawful order of the employer and superiors in the establishment  
(ii) The apprentice shall learn his subject field conscientiously and diligently and attend to practical and instructional classes regularly  
(iii) The apprentice shall maintain a record of his work during the period of apprenticeship training in a proforma approved by the apprenticeship advisor  
(iv) Where the contract of apprenticeship is terminated for failure on the part of the apprentice or carry out terms of contract, the apprentice shall refund to the employer as cost of training such an amount as may be determined by the apprenticeship advisor. In such event, the apprentice shall not be entitled to enter into another contract of apprenticeship under the act with any other employer  
(v) The contract of apprentice can be terminated without compensation payable by the apprentice (a) if he/she secures gainful employment (on production of copy of the appointment order) and (b) if he/she is unable to continue training on medical grounds (on production of a certificate to this effect from a medical officer not below the rank of civil surgeon)  
(vi) For breach of contract by the employer, the employer shall pay compensation to the apprentice an amount equivalent to his three months last drawn stipend.  
(vii) Continuance of payment of stipend shall depend on the satisfactory performance of the apprentice during the period
  5. (i) The employer shall make a suitable arrangement in his establishment for imparting a course of apprenticeship training to the apprentice in accordance with the provisions for the Act and Rules made there under and with the approval of the respective Regional Central Apprentice Adviser  
(ii) Every employer is required to formulate a "Training Programme" for the training of Graduate/Technician apprentices and get it approved by the respective Regional Central Apprentice Adviser  
(iii) The employer will arrange for suitable person to be placed in charge of training of apprentices as laid down
  6. (i) A Graduate/Technician Apprentice shall work according to the normal hours of work of the department in the establishment to which they are attached for training. Leaves for apprentices will be guided by the training establishments leave policy.  
(ii) The stipend of a particular month shall be paid on or before the 10th of the following month
  7. Please preserve copy of the ACRF and Certificate submitted by the candidate for future reference
- \* Graduate indicates both Engineering and Non-Engineering





NOV 2, 2012

**SWEETY JHA**

has successfully completed

*Write Professional Emails in English*

an online course to earn a certificate from the Georgia Institute of Technology awarded through Coursera.

David J. Reardon  
Dean of the College of Arts and Sciences  
Georgia Institute of Technology

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Programs (CIAP)



# Verified Certificate

This is awarded to:

**SWEETY JHA**

successfully completed and received a passing grade in:

**PY0101EN: Python Basics for Data Science**

courses of study offered by IBM, an active learning initiative of IBM



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**SWEETY JHA**

successfully completed and received a passing grade in:

**AWMEc: Academic Writing Made Easy**

courses of study offered by TUM, an active learning initiative of Technical University of Munich



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of Munich

**TUM**



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This is awarded to:

**SWEETY JHA**

successfully completed and received a passing grade of:

**BNET001: Preparing to Network in English**

a course of study offered by **Western Oregon University**, an online learning platform of **Western Oregon University**



edX is a consortium of MIT and Harvard  
and other leading universities.

Western Oregon University

Western Oregon University

# Verified Certificate

This is awarded to:

**SWEETY JHA**

successfully completed and received a passing grade of:

**GSE2x: Leaders of Learning**

a course of study offered by **Harvard University**, an online learning platform of **Harvard University**



edX is a consortium of MIT and Harvard  
and other leading universities.

HarvardX

Harvard University

# Verified Certificate

Name of candidate

**SWEETY JHA**

Successfully completed and assessed learning program

**LFS158a: Introduction to Kubernetes**

A course of study offered by LinuxFoundation.org on the learning website of The Linux Foundation



edX  
The University of  
Edinburgh



*[Signature]*

Linux Foundation  
The Linux Foundation



THE UNIVERSITY  
of EDINBURGH

Name of candidate

**SWEETY JHA**

Name of the course

**Introduction to Philosophy**

A course of study offered by The University of Edinburgh

*[Signature]*

The University of Edinburgh  
The University of Edinburgh

COURSE  
CERTIFICATE



UNIVERSITY OF EDINBURGH  
The University of Edinburgh

# Verified Certificate

Thank you to

**SWEETY JHA**

successfully completed the required learning plan of

**AWS-OTP-AWSD15: AWS Cloud Practitioner Essentials**

course on Coursera, offered by AWS, Amazon Web Services, Division of AWS



edX is a consortium of leading universities and institutions  
working together to create a new generation of open  
education technology.



*Signature*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Thank you to

**SWEETY JHA**

successfully completed

**C++ Basics: Selection and Iteration**

on Coursera, offered by Johns Hopkins University

COURSE  
CERTIFICATE



*Signature*

\_\_\_\_\_

*Signature*

\_\_\_\_\_

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1000 California Street, Suite 1000, San Francisco, CA 94109

# Verified Certificate

This certificate is for:

**SWEETY JHA**

successfully completed and received a passing grade in:

**BMI.2x: How to Design a Successful Business Model**

a course of study offered by DelftX, an online learning initiative of Delft University of Technology



edX is a consortium of  
leading universities

working together to  
advance the future of  
learning

**DelftX**

**Hans Buijsse**

Executive Director

Business Development, Delft University of Technology

h.buijsse@tudelft.nl

**Hans Buijsse**

Executive Director

Business Development, Delft University of Technology

h.buijsse@tudelft.nl

**Hans Buijsse**

Executive Director

Business Development, Delft University of Technology

h.buijsse@tudelft.nl



# Verified Certificate

This is verified by:

**SWEETY JHA**

Completed required and related learning goals in

**DTP-AWS27: AWS: Getting Started with Cloud Security**

A course of study offered by AWS, an online learning resource of AWS



edX is a consortium of MIT and Harvard  
and other leading universities



*[Signature]*

**Michael Cooper**

Senior Director of Learning

Amazon Web Services

# Verified Certificate

This is verified by:

**SWEETY JHA**

Completed required and related learning goals in

**LFS151.x: Introduction to Cloud Infrastructure Technologies**

A course of study offered by edX, an online learning resource of The Linux Foundation



edX is a consortium of MIT and Harvard  
and other leading universities



*[Signature]*

**Clayton Kopp**

Senior Director of Learning

The Linux Foundation

# CERTIFICATE OF TRAINING

*This is to certify that*

**Bipasa Manna**

having CAN\_3335907 has successfully completed training in

**Spoken English Course**

*from the period* 17th Mar 2024 - 12th May 2024

**at LEARNVERN PVT LTD.**

**Date of Issue:** 12-05-2024

**Certificate Id:** CAN\_33359076919692

**Signing Authority:** 

**Place:** 6th Floor, Arjun Complex,  
Shivranjani Cross Road,  
Ahmedabad, Gujarat 380009



<https://www.learnvern.com/certificate>

**Issued by: LEARNVERN**  
Franchise of TOPS Technologies Pvt Ltd.  
An Approved Training Partner of NSDC



Certificate no: UC-6a91be94-9c7b-429f-b549-15bfed6572da

Certificate url: [ude.my/UC-6a91be94-9c7b-429f-b549-15bfed6572da](https://ude.my/UC-6a91be94-9c7b-429f-b549-15bfed6572da)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Social Media Growth: Use ChatGPT & Google Gemini AI in 2024

Instructors **Tobias Becker, Ing. Tomas Moravek**

**Bipasa Manna**

Date **May 11, 2024**

Length **15 total hours**



Certificate no: UC-6d76ba04-6988-46ce-bb75-f4324c2e91c5  
Certificate url: [ude.my/UC-6d76ba04-6988-46ce-bb75-f4324c2e91c5](https://ude.my/UC-6d76ba04-6988-46ce-bb75-f4324c2e91c5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# 11 Days Math Challenge : Master Basics of Mathematics

Instructors **Jackson Kailath**

**Bipasa Manna**

Date **May 12, 2024**

Length **19.5 total hours**





Certificate no: UC-ec3a3146-e7c0-4099-b4a1-da32102ef1cb  
Certificate url: [ude.my/UC-ec3a3146-e7c0-4099-b4a1-da32102ef1cb](https://ude.my/UC-ec3a3146-e7c0-4099-b4a1-da32102ef1cb)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# CSS, JavaScript, PHP And Python Programming All in One Course

Instructors **PROPER DOT INSTITUTE**

**Bipasa Manna**

Date **May 12, 2024**

Length **10 total hours**





THE UNIVERSITY  
*of* EDINBURGH

May 11, 2024

**Bipasa Manna**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukh, Duncan Pritchard, Yaelin Leraida, Matthew Crummon, Allan Hahler, Michael S. Green, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/WTCPS65UX4PD2>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate ID: UC-Baw8996-9449-4776-9475-49996-26-766  
Certificate URL: <https://www.udacity.com/certificate/UC-Baw8996-9449-4776-9475-49996-26-766>  
Reference Number: 10264

CERTIFICATE OF COMPLETION

# Python & Django REST API Bootcamp - Build A Python Web API

Instructors: **Hussain Mustafa**

**Anupam Baidya**

Date: **May 11, 2024**

Length: **8 total hours**



CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors: **Robert (Bob) Steele**

**Anupam Baidya**

Date: **May 21, 2024**

Length: **128.5 total hours**



CERTIFICATE OF COMPLETION

# English for Beginners: Intensive Spoken English Course

Instructors: **Logis Academy**

**Anupam Baidya**

Date: **May 12, 2024**

Length: **77 total hours**



CERTIFICATE OF COMPLETION

# Human Values and Professional Ethics

Instructors: **Dr. Swati Chakraborty**

**Anupam Baidya**

Date: **May 11, 2024**

Length: **8 total hours**





May 5, 2023

**ANAND KUMAR**

has successfully completed

**Introduction to Java**

an online non-credit course authorized by LearnQuest and offered through Coursera

*Noel J. Bergman*

A handwritten signature in black ink, appearing to read "Evan Bergman".

Noel J. Bergman

Evan Bergman

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EDTGGJNV43RT>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 2, 2023

**ANAND KUMAR**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/217274486270>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

May 5, 2023

**ANAND KUMAR**

has successfully completed

**Data Science Ethics**

an online non-credit course authorized by University of Michigan and offered through Coursera



HV Jagadeesh  
Bernard A. Gilman Collegiate Professor  
Electrical Engineering and Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/24Ex8Tsf4nG>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-c35c1f4b-525d-410b-8077-613f8e2a5934

Certificate url: [ude.my/UC-c35c1f4b-525d-410b-8077-613f8e2a5934](https://ude.my/UC-c35c1f4b-525d-410b-8077-613f8e2a5934)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructors **Infinite Minds Academy**

## Anand Kumar

Date **May 19, 2023**

Length **8 total hours**





Certificate no: UC-f0262a39-8523-4c02-b152-6f6a3bbb712e

Certificate url: [ude.my/UC-f0262a39-8523-4c02-b152-6f6a3bbb712e](https://udemy.com/certificate/UC-f0262a39-8523-4c02-b152-6f6a3bbb712e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors **YouAccel Training**

**Anand Kumar**

Date **May 19, 2023**

Length **11.5 total hours**







Certificate no. UC-23456789-1011-1213-1415-1617181920  
Certificate no. UC-23456789-1011-1213-1415-1617181920  
Issued on 13/05/2023

CERTIFICATE OF COMPLETION

# Linux Fundamentals for IT Professionals using Ubuntu 20x

Instructors: **Durga Viswanatha Raju Gadiraju, Asaxri Manthana**

**Atanu Dey**

Date: **May 13, 2023**

Length: **22 total hours**



Certificate no: UC-10000000-0000-0000-0000-000000000000  
Certificate ID: UC-10000000-0000-0000-0000-000000000000  
Issued on: 15/05/2023

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors: **Robert (Bob) Steele**

**Atanu Dey**

Date: **May 15, 2023**

Length: **44 total hours**



Certificate no. UC-20232766-2023-09-28-1675-1675-1675-1675  
Certificate of completion for 1675-1675-1675-1675  
Release date: 2023

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Desktop 2023: A Comprehensive Guide

Instructor: Robert (Bob) Steele

**Atanu Dey**

Date: Oct. 28, 2023

Length: 167.5 total hours



Certificate no. UC-20230516-1076-2024 user ID: 102364627  
Certificate of course ID: 20230516-1076-2024 user ID: 102364627  
Issued on: 16/05/2024

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructor: **Robert (Bob) Steele**

**Atanu Dey**

Date: **May 16, 2024**

Length: **22 total hours**





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CERTIFICATE OF COMPLETION

# Der Komplette Excel Kurs - Vom Anfänger zum Profi in 50h

Instructors: **Sebastian Glöckner**, **Sebastian Glöckner Karriere-Entwicklung**, **Sebastian Glöckner Support**

**Atanu Dey**

Date: **May 17, 2024**

Length: **62.5 total hours**



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CERTIFICATE OF COMPLETION

# Financial Accounting: A Comprehensive Guide with E-book

Instructor: **Robert (Bob) Steele**

**Atanu Dey**

Date: **May 22, 2024**

Length: **119 total hours**



Certificate of Completion  
for the course: Mastering QuickBooks  
Online 2024: A Comprehensive Guide  
Awarded to: Atanu Dey

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructor: **Robert (Bob) Steele**

**Atanu Dey**

Date: July 3, 2024

Length: 127 total hours



# Certificate



We certify that **SAIKAT DAS**  
has completed the following courses on our platform:

**Android for beginners by The new boston**

10 hours 46 minutes + 21 exercises - From 12/05/2024 to 12/05/2024

**C for Beginners with Carl Herold**

11 hours 06 minutes + 5 exercises - From 25/05/2024 to 25/05/2024

**Management - Business Analysis for Engineers by nptelhrd**

31 hours 12 minutes + 16 exercises - From 10/06/2024 to 10/06/2024

Adrián Medeiros Dantas  
Executive Director - Cursa

Student Signature  
SAIKAT DAS

u4301395

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



COURSE  
CERTIFICATE

ISSUED TO

Argha Saha

ISSUED FOR

Teamwork Skills: Communicating Effectively in  
Groups

ISSUED BY



Matthew Korschmann

ISSUED ON





Argha Saha

A Life of Happiness and Fulfillment

*Argha Saha*

COURSE  
CERTIFICATE



**Georgia Institute**  
**of Technology**

Argha Saha

Write Professional Emails in English

COURSE  
CERTIFICATE





COURSE  
CERTIFICATE

Argha Saha

Programming for Everybody (Getting Started with Python)



A handwritten signature in black ink, appearing to read 'Argha Saha'.

UNIVERSITY OF MICHIGAN

COURSERA



Udemy  
CERTIFICATE OF COMPLETION

CERTIFICATE OF COMPLETION

# Innovation & Startups: AB Testing Of KPI With Lean Startup

Instructors: Alex Genadink

**Argha Saha**

Date: June 4, 2022

Length: 12.5 total hours



CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs QBO Multiple Currencies

Instructor: Robert (Bob) Steele

**Argha Saha**

Date: June 3, 2022

Length: 17.9 total hours





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San Francisco, CA 94103  
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CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors: Robert (Bob) Steele

**Argha Saha**

Date: June 3, 2022

Length: 21.5 total hours



CERTIFICATE OF COMPLETION

# Porto Visual Composer CSS Woocommerce Zero to Hero 2020

Instructors: Graphimonta School

**Argha Saha**

Date: June 2, 2022

Length: 10.5 total hours



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CERTIFICATE OF COMPLETION

# Bank Feeds-QuickBooks Online, Xero, Sage, Wave (Comparison)

Instructors: Robert (Bob) Steele

**Argha Saha**

Date: June 2, 2022

Length: 25 total hours



CERTIFICATE OF COMPLETION

# Level 1 - Japanese Candlesticks Trading Mastery Program

Instructors: Rajat Misra, CFA, Rashmi Misra

**Argha Saha**

Date: May 16, 2023

Length: 13 total hours



Udemy  
Learn. Grow. Succeed.

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructor: PROPER DOT INSTITUTE

**Argha Saha**

Date: May 16, 2023

Length: 8 total hours





CERTIFICATE OF COMPLETION

# Mobile App Development for Autism, Dyslexia & etc in 2023

Instructor: Infinite Minds Academy

**Argha Saha**

Date: May 16, 2023

Length: 8 total hours



CERTIFICATE OF COMPLETION

# Aplos Not for Profit Accounting Software

Instructor: Robert (Bob) Steele

**Argha Saha**

Date: May 16, 2023

Length: 9 total hours



Self-paced course

**Joyatosh Sinha**

has successfully completed

**Introduction to Basic Game Development using Scratch**

an online non-credit course authorized by Coursera Project Network and offered through Coursera

*Stacey Shanklin Langford*

Stacey Shanklin Langford  
Director, Student Support  
Coursera, Inc.



Faculty of Continuing Education (WESTCAL/UCD),  
University of California, San Diego  
San Diego, CA 92162-0001



# Georgia Institute of Technology

June 14, 2021

**Joyatosh Sinha**

(has successfully completed)

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

David J. Reardon  
Provost  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/KLAD6V77E2W](https://coursera.org/verify/KLAD6V77E2W)

Coursera has validated the identity of this individual and that  
he completed this course







Certificate no: UC-9d9ad018-7924-4697-869c-9ee323ddcf73

Certificate url: [ude.my/UC-9d9ad018-7924-4697-869c-9ee323ddcf73](https://ude.my/UC-9d9ad018-7924-4697-869c-9ee323ddcf73)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Data Analyst Skillpath: Zero to Hero in Excel, SQL & Python

Instructors **Start-Tech Academy**

## Joyatosh Sinha

Date **Aug. 12, 2022**

Length **20 total hours**



# Verified Certificate

This is to verify that

**Joyatosh Sinha**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

**IBM**



Joyatosh Sinha  
Student



National Certificate  
Issued: Apr 18, 2021

Verify Certificate ID:  
<https://www.edx.org/certificate/ibm/01010101EN>



Certificate no: UC-3a27cf65-2a4d-44a2-9fff-1b766aa0c0cd

Certificate url: [ude.my/UC-3a27cf65-2a4d-44a2-9fff-1b766aa0c0cd](https://ude.my/UC-3a27cf65-2a4d-44a2-9fff-1b766aa0c0cd)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Joyatosh Sinha

Date **May 9, 2023**

Length **8 total hours**



Certificate no: UC-9a0a08e4-a10f-4a4a-a7c0-e5ec08fb6229

Certificate url: [ude.my/UC-9a0a08e4-a10f-4a4a-a7c0-e5ec08fb6229](https://www.udemy.com/certificate/UC-9a0a08e4-a10f-4a4a-a7c0-e5ec08fb6229/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Javascript & jQuery Course with Bonus Vue JS Intro

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

## Joyatosh Sinha

Date **Nov. 20, 2021**

Length **17 total hours**





Certificate no: UC-f19dde9f-34f1-41a7-bf54-6189507f599e

Certificate url: [ude.my/UC-f19dde9f-34f1-41a7-bf54-6189507f599e](https://udemy.com/certificate/UC-f19dde9f-34f1-41a7-bf54-6189507f599e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# React JS- Complete Guide for Frontend Web Development [2021]

Instructors **EdYoda Digital University, Qaifi Khan, Mavludin Abdulkadirov**

## Joyatosh Sinha

Date **May 24, 2022**

Length **22 total hours**



Certificate no: UC-c1d1a7ed-fcf0-4b56-bdd2-805b343a1a30  
Certificate url: [ude.my/UC-c1d1a7ed-fcf0-4b56-bdd2-805b343a1a30](https://ude.my/UC-c1d1a7ed-fcf0-4b56-bdd2-805b343a1a30)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Oracle Documaker

Instructors **Uplatz Training**

## Joyatosh Sinha

Date **May 1, 2023**

Length **19.5 total hours**



Certificate no: UC-d1bf6788-6971-428b-8b06-1d5b67c699ae

Certificate url: [ude.my/UC-d1bf6788-6971-428b-8b06-1d5b67c699ae](https://udemy.com/certificate/UC-d1bf6788-6971-428b-8b06-1d5b67c699ae)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors **Trevor Williams, Learn IT University, Andrii Piatakha**

## Joyatosh Sinha

Date **Dec. 22, 2021**

Length **12.5 total hours**





Certificate no: UC-d1e56631-9879-4253-91c1-875deb7c083

Certificate url: [ude.my/UC-d1e56631-9879-4253-91c1-875deb7c083](https://ude.my/UC-d1e56631-9879-4253-91c1-875deb7c083)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python Web Dev Pro: Flask, Django, HTML, CSS & Bootstrap

Instructors **Arbaz Khan**

## Joyatosh Sinha

Date **May 9, 2023**

Length **13 total hours**



Certificate no: UC-9d45bf5f-d2b9-4dd3-b63d-253aefa11703

Certificate url: [ude.my/UC-9d45bf5f-d2b9-4dd3-b63d-253aefa11703](https://udemy.com/certificate/UC-9d45bf5f-d2b9-4dd3-b63d-253aefa11703)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# WebServices testing (RestAssured + Postman) Complete Guide

Instructors **Tigran Ter-Karapetyants, Andrii Piatakha, Learn IT University**

## Joyatosh Sinha

Date **Dec. 22, 2021**

Length **8.5 total hours**





Certificate no: UC-07f15a49-230c-443e-afcd-bbb771896b14  
Certificate url: [ude.my/UC-07f15a49-230c-443e-afcd-bbb771896b14](https://ude.my/UC-07f15a49-230c-443e-afcd-bbb771896b14)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

## **Joyatosh Sinha**

Date **March 12, 2023**

Length **11 total hours**



Certificate no: UC-183fbb2d-2b3b-475d-8e1b-6cfc30422f28

Certificate url: [ude.my/UC-183fbb2d-2b3b-475d-8e1b-6cfc30422f28](https://ude.my/UC-183fbb2d-2b3b-475d-8e1b-6cfc30422f28)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy** | 200,000+ Students

## Joyatosh Sinha

Date **May 9, 2023**

Length **8.5 total hours**



Certificate no: UC-7a85d2db-b968-45b5-a374-27e9e0297af8

Certificate url: [ude.my/UC-7a85d2db-b968-45b5-a374-27e9e0297af8](https://ude.my/UC-7a85d2db-b968-45b5-a374-27e9e0297af8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python in Action: A Practical Course 50+ Real-World Projects

Instructors **Arbaz Khan**

## Joyatosh Sinha

Date **May 9, 2023**

Length **10 total hours**





Certificate no: UC-1a5e1987-78e0-456a-8807-45c5399d6e87  
Certificate url: [ude.my/UC-1a5e1987-78e0-456a-8807-45c5399d6e87](https://ude.my/UC-1a5e1987-78e0-456a-8807-45c5399d6e87)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Machine Learning with R Studio - ML for 2022

Instructors **Start-Tech Academy**

## Joyatosh Sinha

Date **March 12, 2022**

Length **13 total hours**



THE UNIVERSITY  
of EDINBURGH

June 22, 2017

**Joyatosh Sinha**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

Joyatosh Sinha, Director of the Center for the Study of the History of Ideas, The University of Edinburgh  
Signature of Joyatosh Sinha  
The University of Edinburgh

**COURSE  
CERTIFICATE**



<https://coursera.org/verify/79457V2152C>

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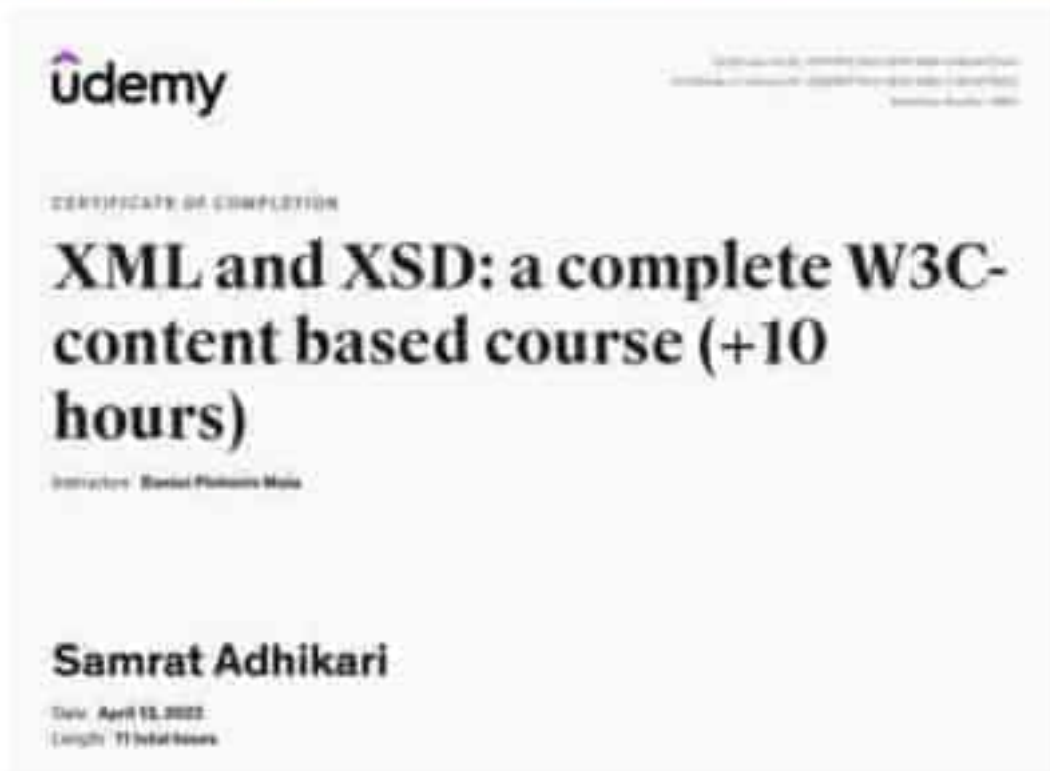
1. <https://www.udemy.com/course/xero-accounting-software-2020/>



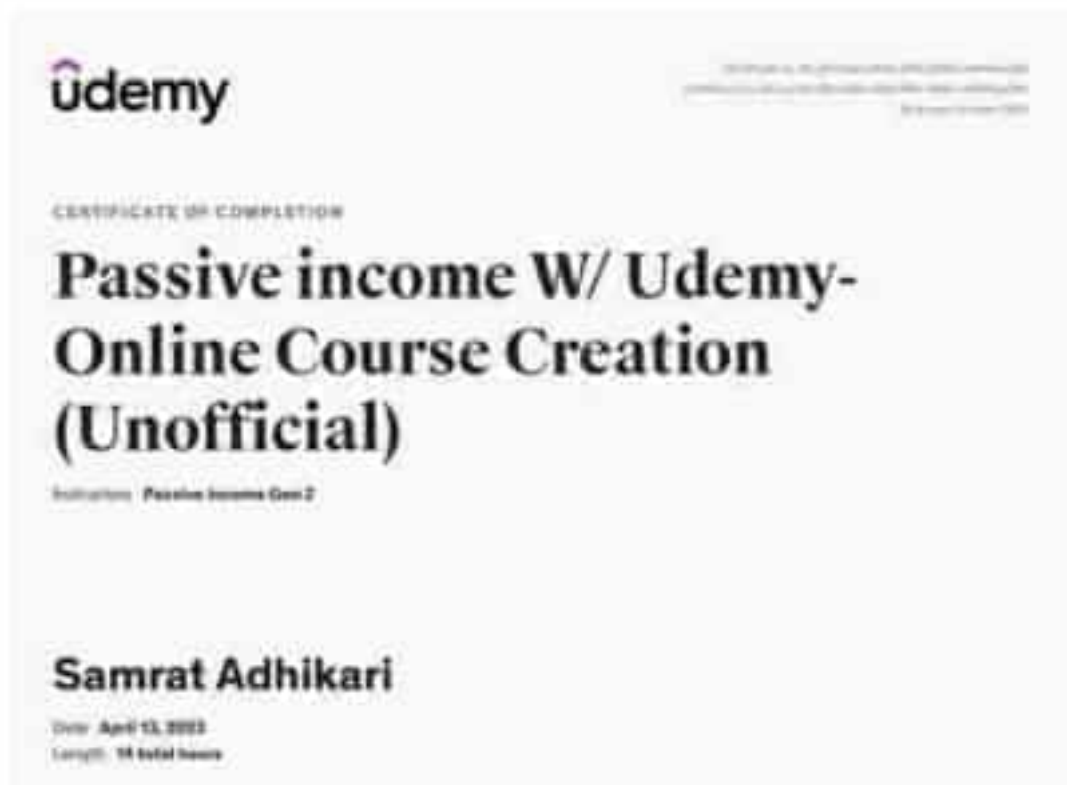
2. <https://www.udemy.com/course/income-tax-schedule-c-small-business-sole-proprietor-2018/>



3. <https://www.udemy.com/course/xml-and-xsd-a-complete-w3c-content-based-course>



4. <https://www.udemy.com/course/passive-income-w-udemy-for-the-camera-shy-unofficial-course/>





Certificate no: UC-dc8d7ee9-4465-4f74-ad8c-86c62d6ea127

Certificate url: [udemy.com/UC-dc8d7ee9-4465-4f74-ad8c-86c62d6ea127](https://udemy.com/UC-dc8d7ee9-4465-4f74-ad8c-86c62d6ea127)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

**MONOJ KUMAR BEHARA**

Date **March 13, 2023**

Length **8 total hours**



Mar 23, 2023

**MONOJ KUMAR BEHARA**

has successfully completed

**Introduction to Artificial Intelligence (AI)**

an online non-credit course authorized by IBM Skills Network and offered through  
Coursera

Raj Arora  
Global Program Director  
Skills Network

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/USUA155x08V6>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: UC-884640cb-841d-4ee2-b53d-2dd176678b24  
Certificate url: [ude.my/UC-884640cb-841d-4ee2-b53d-2dd176678b24](https://ude.my/UC-884640cb-841d-4ee2-b53d-2dd176678b24)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors **Hemanth kumar**

**MONOJ KUMAR BEHARA**

Date **March 6, 2023**

Length **11 total hours**





Certificate no: UC-a61d26f4-95cc-45fc-beea-ff7fc03b0867

Certificate url: [ude.my/UC-a61d26f4-95cc-45fc-beea-ff7fc03b0867](https://ude.my/UC-a61d26f4-95cc-45fc-beea-ff7fc03b0867)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**MONOJ KUMAR BEHARA**

Date **March 14, 2023**

Length **34 total hours**

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructor: **Robert (Bob) Steele**

**Suman Mondal**

Date: **May 7, 2023**

Length: **128 total hours**

CERTIFICATE OF COMPLETION

# Docker Kubernetes MasterClass: DevOps from Scratch - 2024

Instructors: Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible

**Suman Mondal**

Date: May 16, 2024

Length: 26 total hours



CERTIFICATE OF COMPLETION

# Real Android App Dev in 15 Hours|KotlinDevX Certificate 2024

Instructors: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Suman Mondal**

Date: May 11, 2024

Length: 15.5 total hours



CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors Ing. Tomas Moravek, Learn Digital Advertising

**Suman Mondal**

Date **May 8, 2024**

Length **34 total hours**

CERTIFICATE OF COMPLETION

# SEO:Affiliate Marketing Website + SEO |255+ Videos |22 Hours

Instructors: **Passive Income Gen Z**

## Suman Mondal

Date: **May 11, 2024**

Length: **23 total hours**

CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors: Trevor Williams, Learn IT University, Andrii Platakha, Doron Williams

**Suman Mondal**

Date: May 31, 2023

Length: 12.5 total hours



CERTIFICATE OF COMPLETION

# Microsoft 365 Ultimate Guide

Instructors: Josh Werner, Learn Tacc

**Suman Mondal**

Date: May 30, 2023

Length: 22.5 total hours



CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: Horizon Tech

**Suman Mondal**

Date: May 3, 2023

Length: 12.5 total hours





# ONLINE

May 17, 2023

## Debjani Roy

has successfully completed

### Cryptocurrency and Blockchain: An Introduction to Digital Currencies

an online non-credit course authorized by University of Pennsylvania and offered through Coursera.

## COURSE CERTIFICATE



Jessica Wachter  
Dr. Bruce L. Jacobs Professor of Quantitative Finance  
The Wharton School  
University of Pennsylvania

Sarah Hammer  
Senior Director of the Alternative Investments Initiative, The Wharton School  
Adjunct Professor of Law, University of Pennsylvania Law School  
University of Pennsylvania

Verify at:  
[coursera.org/verify/wharton/15166](https://coursera.org/verify/wharton/15166)

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



THE UNIVERSITY  
*of* EDINBURGH

1st Nov. 2022

**Debjani Roy**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Med, Douvan Pritchard, Yaelin Lora de, Matthew Chomson, Allan Webster, Michael S. Green, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7A3584A18VEU>

Coursera has verified the identity of this individual and their  
participation in the course.

# M UNIVERSITY OF MICHIGAN

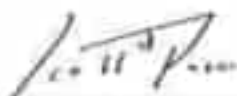
Apr 30, 2023

Debjani Roy

has successfully completed

Model Thinking

an online non-credit course authorized by University of Michigan and offered through Coursera



SCOTT PAGE  
KIMBLEE DEEPTI SHARMA LEARNING DESIGNER UNIVERSITY PROFESSOR  
UNIVERSITY OF MICHIGAN

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/CAYWSDOMP98E>

Coursera has certified the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Jan 12, 2022

**Debjani Roy**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PN66TC91fd48>

Coursera has certified the identity of this individual and their participation in the course.



# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**French essentials with Alexa**

08 hours 12 minutes - From 18/05/2023 to 19/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

c1000-2447915

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Advanced electronics by Nerds Lesson**

08 hours 29 minutes - From 18/05/2023 to 18/05/2023

Adrián Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

**c2109-2447915**

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Advanced electronics by Nerds Lesson**

08 hours 29 minutes - From 18/05/2023 to 18/05/2023

Adrián Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

**c2109-2447915**

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Software testing tutorials by STT**

08 hours 53 minutes - From 18/05/2023 to 18/05/2023

Adrián Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

**c993-2447915**

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Wordpress for Beginners to Advance by WsCube Tech**

08 hours 15 minutes - From 18/05/2023 to 18/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

c1588-2447915

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Machine Learning by Stanford**

25 hours 08 minutes - From 13/05/2024 to 13/05/2024

  
Adrián Medeiros Dantas  
Executive Director - Cursa

  
Student Signature  
Sudip Medda

u4284560

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



JavaScript full course by Bro Code

08 hours 00 minutes

  
Adrián Medeiros Dantas  
Executive Director - Cursa

  
Student Signature  
Sudip Medda

u4284560

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-a228467-6621-4293-ed60-679455ed716  
Certificate url: udemy/UC-a228467-6621-4293-ed60-679455ed716  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C-level management: 100 models for business success

Instructors: **Matthieu Bout**

**Sudip Medda**

Date: **May 13, 2024**

Length: **11 total hours**





# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Database by Stanford Dbclass**

17 hours 30 minutes - From 13/05/2024 to 13/05/2024

  
Adrián Medeiros Dantas  
Executive Director - Cursa

  
Student Signature  
Sudip Medda

u4284560

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Sudip Medda**  
has completed the following courses on our platform:



**Active Directory by Itfreetraining**

08 hours 14 minutes - From 18/05/2023 to 18/05/2023

Adrian Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sudip Medda

c747-2447915

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



Certificate no: UC-965c3eef-6291-48c0-9614-7f6c363fe7a9

Certificate url: [ude.my/UC-965c3eef-6291-48c0-9614-7f6c363fe7a9](https://ude.my/UC-965c3eef-6291-48c0-9614-7f6c363fe7a9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Enterprise Application Development Complete Course 2023

Instructors **Yasas Sri Wickramasinghe**

## **Debanjan Mukherjee**

Date **Feb. 3, 2023**

Length **9.5 total hours**



Certificate no: UC-d4b27f57-b7a5-4a8e-a5cc-3171a999bb44

Certificate url: [ude.my/UC-d4b27f57-b7a5-4a8e-a5cc-3171a999bb44](https://ude.my/UC-d4b27f57-b7a5-4a8e-a5cc-3171a999bb44)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

**Debanjan Mukherjee**

Date **March 14, 2023**

Length **9.5 total hours**





Certificate no: UC-93ef5965-7fd6-402e-9ebd-82eeac8c379d

Certificate url: [ude.my/UC-93ef5965-7fd6-402e-9ebd-82eeac8c379d](https://udemy.com/UC-93ef5965-7fd6-402e-9ebd-82eeac8c379d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Flutter Development Guide [2022 Edition]

Instructors **Hassan Fulaih**

## Debanjan Mukherjee

Date **Feb. 3, 2023**

Length **71.5 total hours**













July 2, 2022

**Sourav Bain**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Columbia School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/SRRHH2EBCQNT](https://coursera.org/verify/SRRHH2EBCQNT)

Coursera has verified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jul 29, 2023

**Sourav Bain**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered through Coursera.

Deirdre Walsh, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hahnel, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/JVLCY8GT0F7Q](https://coursera.org/verify/JVLCY8GT0F7Q)

Coursera has confirmed the identity of this individual and their participation in the course.



# Verified Certificate



A handwritten signature in black ink, appearing to read "Maureen Lamerger".

Maureen Lamerger  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

**OTP-AWSD7: AWS: Getting Started with Cloud Security**

a course of study offered by AWS, an online learning initiative of AWS.



Verified Certificate  
Issued July 17, 2021

Valid Certificate ID  
[104e10e471e0499b8519c0274ca03947](https://edcourses.edx.org/certificates/104e10e471e0499b8519c0274ca03947)





# Verified Certificate



Alex Aklonis  
Ph.D., Data Scientist  
IBM

This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

**DS0101EN: Introduction to Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued April 29, 2024

Valid Certificate ID  
[98a375a86208fede8c0b2a10c68b136c](#)

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Simpson".

Clyde Simpson

SVP & General Manager, Training & Certification

The Linux Foundation

This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.



Verified Certificate

Issued June 4, 2022

Valid Certificate ID

[3dc8ad9677fa48ed9827b621d92e8c8d](#)



# Verified Certificate



This is to certify that

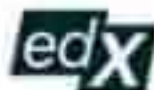
**Sourav Bain**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.

Joseph Santacangre  
Data Scientist



Verified Certificate  
Issued July 17, 2021

Valid Certificate ID  
<https://www.edx.org/certificates/Sourav72785c424c8bba10aa4024c5bac8>

# Verified Certificate



This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Simpson

SVP & General Manager, Training & Certification

The Linux Foundation



Verified Certificate

Issued June 4, 2022

Valid Certificate ID

[df3e95ff19f416e8e88a785d2a22c78](#)

**Verified  
Certificate**



This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

**LFS162x: Introduction to DevOps and Site  
Reliability Engineering**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

Clyde Soperant  
SVP & General Manager, Training & Certification  
The Linux Foundation



**Verified Certificate**  
Issued June 4, 2022

**Valid Certificate ID**  
[0a215c10e50c411ebc9761a0na26008](https://courses.edx.org/certificates/0a215c10e50c411ebc9761a0na26008)

# Verified Certificate



This is to certify that

**Sourav Bain**

successfully completed and received a passing grade in

## LFS151.x: Introduction to Cloud Infrastructure Technologies

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cyra Sengupta'.

Cyra Sengupta

General Manager, Training & Certification

The Linux Foundation



**Verified Certificate**  
Issued April 28, 2024

**Valid Certificate ID**  
#6a7c7e6a08e411f8a127405517a35ee



Certificate no: UC-8d09b524-5676-423f-836e-852c48238fec  
Certificate url: [ude.my/UC-8d09b524-5676-423f-836e-852c48238fec](https://ude.my/UC-8d09b524-5676-423f-836e-852c48238fec)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

## Sourav Bain

Date **April 26, 2023**

Length **65.5 total hours**





# Georgia Institute of Technology

Dec 2, 2020

**Sourav Bain**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Deans  
OT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/8x7L264E6ZTU](https://coursera.org/verify/8x7L264E6ZTU)

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate ID: UC-8028a4f-8d07-44c2-aad5-0176b2202a  
Certificate URL: <https://www.udacity.com/certificate/UC-8028a4f-8d07-44c2-aad5-0176b2202a>  
Review Number: 0004

CERTIFICATE OF COMPLETION

# Meta Advertising Fundamentals: Facebook Ads & Instagram Ads

Instructors: Ing. Tomáš Moravec, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Sourav Malakar**

Date: April 5, 2023

Length: 12 total hours



Certificate of Completion ID: 4000-9000-3000-2000-1000-0000  
Certificate of Completion ID: 4000-9000-3000-2000-1000-0000  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS & React: Deploy an Auto-Scaling E-Commerce App with ELB**

Instructors: YouAccel Training

**Sourav Malakar**

Date: May 17, 2023

Length: 13.5 total hours



Certificate ID: UC-BW0000-4000-451-4544-7000000004  
Certificate URL: <https://www.udemy.com/certificate/UC-BW0000-4000-451-4544-7000000004>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors: Morgan Page

**Sourav Malakar**

Date: May 17, 2023

Length: 9.5 total hours



Certificate no: UC-w802fa1-3431-4221-9776-e267716e208  
Certificate url: udemy/certificate/UC-w802fa1-3431-4221-9776-e267716e208  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Linode: Build and Deploy Responsive Websites on the Cloud

Instructors: YouAccel Training

**Sourav Malakar**

Date: May 17, 2023

Length: 11.5 total hours





Certificate ID: UC-CERT2024-182-4902-0761-6366446662  
Certificate URL: <https://www.udemy.com/certificate/UC-CERT2024-182-4902-0761-6366446662>  
Reference Number: 1824

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors: **Robert (Bob) Steele**

**Sourav Malakar**

Date: **May 26, 2024**

Length: **22 total hours**



Certificate ID: UC-601627a-7d8f-4440-8229-6b4f16a029c3  
Certificate URL: <https://www.udacity.com/certificate/UC-601627a-7d8f-4440-8229-6b4f16a029c3>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SAP ABAP On HANA

Instructors: ZK Tutorials

**Sourav Malakar**

Date: May 25, 2024

Length: 28 total hours



Certificate No. UC-8732943e-2025-4478-928c-6e4032b0214  
Certificate URL: udemy/UC-8732943e-2025-4478-928c-6e4032b0214  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Real Estate Investment & Finance

Instructors: **Robert (Bob) Steele**

**Sourav Malakar**

Date: **May 30, 2024**

Length: **44 total hours**



Certificate no: UC-0c579bff-8747-4743-b90f-c3498b720cc6

Certificate url: [ude.my/UC-0c579bff-8747-4743-b90f-c3498b720cc6](https://ude.my/UC-0c579bff-8747-4743-b90f-c3498b720cc6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML, CSS, JavaScript, React - Online Certification Course

Instructors **YouAccel Training**

## Ayan Bhowmik

Date **May 17, 2023**

Length **16 total hours**



Certificate no: UC-4b1e63a1-be7b-4466-baf1-c7787b490ba8

Certificate url: [ude.my/UC-4b1e63a1-be7b-4466-baf1-c7787b490ba8](https://ude.my/UC-4b1e63a1-be7b-4466-baf1-c7787b490ba8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Masterclass - Online Certification Course

Instructors **YouAccel Training**

## Ayan Bhowmik

Date **May 17, 2023**

Length **26 total hours**







Udemy is an online learning platform that provides a wide range of courses and classes. It is a leading provider of online education and has helped millions of people learn new skills and advance their careers.

CERTIFICATE OF COMPLETION

# Financial Accounting & Excel- Comprehensive Accounting Course

Instructors: Robert (Bob) Steele

**Ayan Bhowmik**

Date: May 14, 2022

Length: 21.5 total hours



Certificate no: UC-37c8ba61-a1e3-443d-93ff-e1587108074a  
Certificate url: [ude.my/UC-37c8ba61-a1e3-443d-93ff-e1587108074a](https://ude.my/UC-37c8ba61-a1e3-443d-93ff-e1587108074a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Ayan Bhowmik

Date **May 10, 2023**

Length **34 total hours**



Udemy Inc. 300 Lakeside Drive, San Francisco, CA 94133  
Certificate ID: udemy/2023/05/27/10-0000-0000-0000-0000-0000-0000-0000  
Recipient Name: Arijit Nandy

CERTIFICATE OF COMPLETION

# JavaScript - Basics to Advanced step by step [2023]

Instructors: EdYoda Digital University, Qaif Khan

**Arijit Nandy**

Date: May 27, 2023

Length: 10 total hours



Jan 16, 2022

**Arijit Nandy**

has successfully completed

**Successful Career Development**

an online non-credit course authorized by University System of Georgia and offered through Coursera

Dr. Helen Ellis W. Lewis, Dean, Kennesaw State University, 1000 Peachtree Street, NE, Atlanta, GA 30302

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/JUR627225772>

Coursera has confirmed the identity of this individual and their participation in the course.





Jan. 16, 2020

**Arijit Nandy**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera.

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles E. Young  
Charles E. Young School of Forestry  
University of Michigan

COURSE  
CERTIFICATE



Verify at  
<https://coursera.org/verify/061X7Y3V066>

Coursera has verified the identity of this individual and their performance in the course.

**UCI** Division of  
Continuing Education

Enrollment ID: 10224

**Arijit Nandy**

has successfully completed

**Communication in the 21st Century Workplace**

an online no-credit course authorized by University of California, Irvine and offered  
through Coursera.



David George  
Dean, Division

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/enroll/4852388699P>

Coursera has confirmed the identity of this individual and their participation in this course.



THE UNIVERSITY  
of EDINBURGH

100 000 0000

**Arijit Nandy**

has successfully completed

**Introduction to Philosophy**

an online university course authorized by The University of Edinburgh and offered through Coursera

*Prof. Andrew Blyth*  
*John P. ...*

Prof. Andrew Blyth  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UNIVERSITYOFEDINBURGH>

Coursera has verified the identity of this individual and their participation in this course.



Certificate no: UC-b81ec640-0eae-43b1-bb71-c57135b4573f

Certificate url: [ude.my/UC-b81ec640-0eae-43b1-bb71-c57135b4573f](https://ude.my/UC-b81ec640-0eae-43b1-bb71-c57135b4573f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors **Robert (Bob) Steele**

## Sarbajeet Das

Date **March 15, 2023**

Length **22 total hours**



Certificate no: UC-0ed8f2b7-e8b5-4d99-ada3-fca017897e89

Certificate url: [ude.my/UC-0ed8f2b7-e8b5-4d99-ada3-fca017897e89](https://ude.my/UC-0ed8f2b7-e8b5-4d99-ada3-fca017897e89)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Sarbajeet Das

Date **March 14, 2023**

Length **34 total hours**





Certificate for AWS Certified Cloud Practitioner (CCP) (2024) (2024)  
Certificate ID: AWS-Certified-Cloud-Practitioner-2024-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# AWS Certified Cloud Practitioner

Instructors: **Deepak Dubey**

**Bidisha Chatterjee**

Date: **May 24, 2024**

Length: **27 total hours**



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please visit [udemy.com/legal](#).

CERTIFICATE OF COMPLETION

# Social Media Marketing Strategy 2024: Launch Your SMM!

Instructors: Anton Voroniuk, Anton Voroniuk Support, Vlad Bogutskiy

**Bidisha Chatterjee**

Date: May 24, 2024

Length: 11 total hours





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Reference Number: 0004

CERTIFICATE OF COMPLETION

# हिंदी में **Become a Data Analyst: Excel, SQL & Tableau**

Instructors: **Start-Tech Trainings, Start-Tech Academy**

## **Bidisha Chatterjee**

Date: **May 24, 2024**

Length: **18.5 total hours**



# Certificate

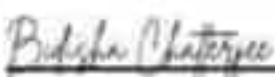
We certify that **Bidisha Chatterjee**  
has completed the following courses on our platform:



Ethical hacking for beginners by Edureka

21 hours 00 minutes - From 24/05/2024 to 24/05/2024

  
Aditi Medhale Datta,  
Executive Director - CURSA

  
Student Signature  
Bidisha Chatterjee

u4352613

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity





# Certificate

We certify that **Bidisha Chatterjee**  
has completed the following courses on our platform:



Artificial Intelligence with Python by CS50

12 hours 40 minutes - From 24/05/2024 to 24/05/2024

Adnan Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Bidisha Chatterjee

U4352613

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

# **M** UNIVERSITY OF MICHIGAN

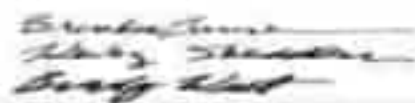
Mar 29, 2023

**Amit Mondal**

has successfully completed

**Inferential Statistical Analysis with Python**

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehya Shekhten, Ph.D., Professor

Sandy T. Yilmaz, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/BGEY492N241E>

Coursera has confirmed the identity of the individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

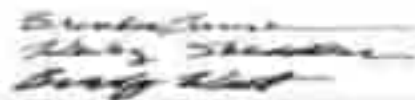
March, 2023

**Amit Mondal**

has successfully completed

**Fitting Statistical Models to Data with Python**

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehy Shalhan, Ph.D., Professor

Andy Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PTXEP1EDMWS>

Coursera has confirmed the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

Mar 29, 2023

Amit Mondal

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Three handwritten signatures in black ink, stacked vertically. The first signature is the most legible, appearing to read 'Brenda Gonderman'. The other two are less legible but appear to be 'Yehya Shabbas' and 'Sandy T. Yim'.

Brenda Gonderman, Ph.D., Lecturer II

Yehya Shabbas, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

Verify at:  
<https://coursera.org/verify/MI7305179W>

Coursera has confirmed the identity of the individual and their  
participation in the course.



Apr 4, 2023

**Amit Mondal**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew G. Wilson".

Andrew G. Wilson | Deborah M. Lipp | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/EZ4953W478V7>

Coursera has verified the identity of this individual and their participation in the course.



# UCI University of California, Irvine

Feb 9, 2023

## Amit Mondal

has successfully completed

### Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Sanjiv  
Professor  
Department of Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/28E42USHA2432>

Coursera has certified the identity of 194 individuals and their participation in the course.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

has completed

**Aritra Ranjan Chowdhury**

has successfully completed

**Teamwork Skills: Communicating Effectively in Groups**

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

*Matthew Korschmann*

Matthew A. Korschmann, PhD  
Assistant Professor  
Department of Communication  
University of Colorado Boulder

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/5X2HFZM43U96](https://coursera.org/verify/5X2HFZM43U96)

Coursera has certified the identity of this individual and their participation in the course.



Issued on: 04/01/2022

**Aritra Ranjan Chowdhury**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/8JUQH25B2EH](https://coursera.org/verify/8JUQH25B2EH)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Aritra Ranjan Chowdhury**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

Clyde Shepersat  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued June 20, 2021

Valid Certificate ID  
[12394b2e3b72845e785df8d189fe451fe](https://courses.edx.org/certificates/12394b2e3b72845e785df8d189fe451fe)

**Verified**  
Certificate

**HarvardX**

Rafael Izquierdo

Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

**Aritra Ranjan Chowdhury**

successfully completed and received a passing grade in

**PH125.3x: Data Science: Probability**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



Verified Certificate

Issued February 12, 2021

Valid Certificate ID

[85c133734e084e70901a23c3bb1bc0de](https://certificates.edx.org/certificates/85c133734e084e70901a23c3bb1bc0de)



**Verified**  
Certificate

HarvardX



Jukka-Pekka Ilmarinen  
Associate Professor of Biostatistics  
Harvard University

This is to certify that

**Aritra Ranjan Chowdhury**

successfully completed and received a passing grade in

**PH526x: Using Python for Research**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued March 4, 2021

Valid Certificate ID  
[edec25e1acaa429297d6ff85242tuofe](https://certificates.edx.org/certificates/whar25e1acaa429297d6ff85242tuofe)



Certificate no: UC-1e7d811c-aecd-4d5e-9d3d-2534fba9183f

Certificate url: [ude.my/UC-1e7d811c-aecd-4d5e-9d3d-2534fba9183f](https://ude.my/UC-1e7d811c-aecd-4d5e-9d3d-2534fba9183f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructors **Start-Tech Academy**

## Aritra Ranjan Chowdhury

Date **April 29, 2022**

Length **35 total hours**

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <http://npTEL.ac.in/moc/>

Roll No: NPTEL21CS32513020049

To  
ARITRA RANJAN CHOWDHURY  
18, PURBACHAL PALLY, BHADRESWAR  
POST: ANGUL, PIN: 751021  
HOBBLY  
WEST BENGAL - 751021  
PH. NO. 0980272190



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRA RANJAN CHOWDHURY**

for successfully completing the course

**The Joy of Computing using Python**



with a consolidated score of **90** %

Online Assignments	24.53/25	Programming Exam	25/25	Proctored Exam	40/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 3425

*Devendra Jaiswal*

Prof. Devendra Jaiswal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2021  
(12 week course)

*Prof. Andrew Thompson*  
Prof. Andrew Thompson  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras





Certificate no: UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6

Certificate url: [udemy.com/certificate/UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6](https://udemy.com/certificate/UC-dae8650e-335f-4e12-8ba9-be7e8c1476d6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **May 9, 2023**

Length **128 total hours**





Certificate no: UC-992837fc-2523-4e11-81c5-f712e1038dc0

Certificate url: [ude.my/UC-992837fc-2523-4e11-81c5-f712e1038dc0](https://ude.my/UC-992837fc-2523-4e11-81c5-f712e1038dc0)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors **Yusuf Kati**

**Akash Bhar**

Date **May 16, 2023**

Length **24 total hours**





Certificate no: UC-589ad22a-27e8-4af1-9ead-ac0177ebe794

Certificate url: [ude.my/UC-589ad22a-27e8-4af1-9ead-ac0177ebe794](https://udemy.com/certificate/UC-589ad22a-27e8-4af1-9ead-ac0177ebe794)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Leadership Mastery Course

Instructors **TJ Walker, Sunil Robert, Media Training Worldwide Digital**

**Akash Bhar**

Date **May 17, 2023**

Length **12.5 total hours**



Certificate no: UC-35fe763e-cf8c-4c33-b6f9-45df641d6852

Certificate url: [ude.my/UC-35fe763e-cf8c-4c33-b6f9-45df641d6852](https://ude.my/UC-35fe763e-cf8c-4c33-b6f9-45df641d6852)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Corporate Finance: Financial Analysis and Decision-Making

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **May 4, 2024**

Length **163.5 total hours**



Certificate no: UC-e212a3e5-09ce-4847-a950-7c66faa53ded

Certificate url: [ude.my/UC-e212a3e5-09ce-4847-a950-7c66faa53ded](https://ude.my/UC-e212a3e5-09ce-4847-a950-7c66faa53ded)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering QuickBooks Online 2024: A Comprehensive Guide

Instructors **Robert (Bob) Steele**

**Akash Bhar**

Date **April 15, 2024**

Length **234 total hours**



**Georgia Institute**  
**of Technology**

Date of Issue

**Brajesh Anand**

has successfully completed

**Write Professional Emails in English**

an online course offered by Georgia Institute of Technology and offered  
through Coursera

Dean of the College  
Georgia Institute of Technology

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/1981c222d92c4](https://coursera.org/verify/1981c222d92c4)

Georgia has validated the accuracy of this certificate, and their  
all trademarks are the property



THE UNIVERSITY  
of EDINBURGH

Edinburgh

**Brajesh Anand**

has successfully completed

**Introduction to Philosophy**

an online course delivered by The University of Edinburgh and edX  
through Coursera

Prof. James Beal  
Department of Philosophy  
The University of Edinburgh

**COURSE  
CERTIFICATE**



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10/10/2021

**Brajesh Anand**

has successfully completed

**Successful Career Development**

an online certificate course authorized by University System of Georgia and offered through Coursera.

10/10/2021

Registrar, Kapsara University, P.O. Box 1402, Hwy 90, Box 20,  
Kapsara, Georgia, 30143

**COURSE  
CERTIFICATE**



Verify all courses progress at <https://www.coursera.org/verify>  
Please do not reproduce or distribute this certificate without  
the permission of the issuer.

# Yale

of 2014

**Brajesh Anand**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Signature  
of  
the student

**COURSE  
CERTIFICATE**



Verify at [coursera.org/intracertification/000005234484](https://coursera.org/intracertification/000005234484)  
Scan the QR code to verify the certificate and share  
your progress with the world.



April 20, 2024

**Brajesh Anand**

brajesh.anand@umich.edu

**Problem Solving Using Computational Thinking**

an online course co-developed by the University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Anand', written over a horizontal line.

Professor  
Department of  
Computer Science

**COURSE  
CERTIFICATE**




id: 41164242-1916-4b7b-9022-112200000000

This certificate is valid for the purpose of the course and does not represent a degree or other credential from the University of Michigan.

**Verified  
Certificate**



This is to certify that



Brajesh Anand  
Data Scientist  
IBM

**Brajesh Anand**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
Issued July 28, 2021

Valid Certificate ID:  
[3c02e6f1a00380c29f2d8148736e242e](https://www.ibm.com/credentials/verify/certificate/3c02e6f1a00380c29f2d8148736e242e)

**Verified**  
Certificate



This is to certify that

**Brajesh Anand**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Cybil Szymanski'.

Cybil Szymanski  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued March 24, 2021

Valid Certificate ID  
1827b9230c0e477eaf20c6e3b6216e3



**Verified  
Certificate**



This is to certify that

**Brajesh Anand**

successfully completed and received a passing grade in

**DS0105EN: Data Science Tools**

a course of study offered by IBM, an online learning initiative of IBM.

  
Animesh Kulkarni  
Chief Data Scientist  
IBM

  
Manish Kulkarni  
Developer Advocate  
IBM

  
Sushant Mishra  
Senior Developer Advocate with IBM Center for Open Data and AI Technologies  
IBM



Verified Certificate  
Issued May 31, 2021

Valid Certificate ID  
<https://www.edx.org/certificate/ibm/ibm-0105en-2021-05-31-001>



Certificate of Completion with 29.5 total hours  
Certificate of Completion with 29.5 total hours  
Reference Number: 2023

CERTIFICATE OF COMPLETION

# Preparation to Java SE 11 Developer Exam: 1Z0-819 & 1Z0-817

Instructors: Andrei Platokha, Learn IT University

**Brajesh Anand**

Date: June 7, 2023

Length: 29.5 total hours



Certificate of Completion for Global Code Institute  
Certificate of Completion for Global Code Institute  
Certificate of Completion for Global Code Institute

CERTIFICATE OF COMPLETION

# Java, Python And PHP Programming In One Complete Course

Instructors: Global Code Institute

**Brajesh Anand**

Date: April 28, 2022

Length: 10 total hours



Certificate of U.S. Superior™ and U.S. Best™ Achievement  
Certificate ID: ud-c04-2022-01266667-646-3-2022-0001-00000000000000  
Issued: 6/07/2022

CERTIFICATE OF COMPLETION

# Software architecture

Instructors: **ANDRII SVIATOBATKO**, Andrii Piatakh

**Brajesh Anand**

Date: June 7, 2022

Length: 8.5 total hours

**Verified**  
Certificate



This is to certify that

**Brajesh Anand**

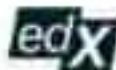
successfully completed and received a passing grade in

**LFS170x: Blockchain: Understanding Its Uses  
and Implications**

a course of study offered by LinuxFoundationX, an online  
learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read 'Elyse Swanson'.

Elyse Swanson  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 7, 2022

Valid Certificate ID:  
<https://edx.org/certificates/4898720a>





Technical University  
of Denmark

2015-11-04

**BRAJESH ANAND**

Successfully completed

**Global Environmental Management**

in order to receive credit awarded by Technical University of Denmark (DTU) and  
offered through Coursera

Brajesh Anand  
Student ID:  
[Redacted]

Sidsa Fors Nielsen  
Head of Course  
Department of Environmental Engineering

**COURSE  
CERTIFICATE**



6/11/15 2015

<https://coursera.org/learn/10N8220188PE>

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universities and companies to offer courses online.

 **COLUMBIA UNIVERSITY**  
IN THE CITY OF NEW YORK

May 14, 2014

**BRAJESH ANAND**

has successfully completed

**Construction Project Management**

an online academic course authorized by Columbia University and offered through  
Coursera.



Professor David  
Department of Civil Engineering and Department of Earth and Environmental  
Engineering

**COURSE  
CERTIFICATE**



Verify at:  
<https://www.coursera.org/certificates>

Coursera is not affiliated with, endorsed by, or in any way associated with Columbia University.

 **COLUMBIA UNIVERSITY**  
IN THE CITY OF NEW YORK

6th Floor

**BRAJESH ANAND**

has successfully completed

**Construction Scheduling**

an online non-credit course authorized by Columbia University and offered through  
Coursera



\_\_\_\_\_  
Deputy Dean  
Department of Engineering Mechanics  
Columbia University

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/COURSE/CERTIFICATE>

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Denver, CO 80232 USA  
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CERTIFICATE OF COMPLETION

# Machine Learning & Deep Learning in Python & R

Instructor: Start-Tech Academy

**Brajesh Anand**

Date: May 5, 2023

Length: 33 total hours



Certificate ID: 6429244-6424-4444-4444-444444444444  
Certificate number and ID cannot both be present in a certificate  
Expires on: 01/01/2025

CERTIFICATE OF COMPLETION

# Zero to Hero in Microsoft Excel: Complete Excel guide 2024

Instructors: Start-Tech Academy

**Brajesh Anand**

Date: Feb. 10, 2024

Length: 9.5 total hours







Certificate of Completion: Android App Development in 34 Hours  
Certificate ID: ud-cert-2024-03-31-1234567890  
Issued on: March 31, 2024

CERTIFICATE OF COMPLETION

# Android App Development in 34 Hours : MobDevOps+ Android 13

Instructor: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Brajesh Anand**

Date: March 31, 2024

Length: 34 total hours



# Georgia Institute of Technology

May 7, 2023

Aditya Kumar singh

has successfully completed

Applications in Engineering Mechanics

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Wayne E. Whittman, Ph.D., P.E. | Dr. Helen Baker  
Senior Academic Professional | Dean of Professional Education  
Woodruff School of Mechanical Engineering  
Georgia Institute of Technology

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/1MWP5V6UHH1P2>

Coursera has certified the identity of this individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 3, 2023

**Aditya Kumar singh**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/SH7D3FW6K28C>

Coursera has confirmed the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 7, 2023

Aditya Kumar singh

has successfully completed

Fundamentals of Engineering Exam Review

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Dr. Philip Roberts | Dr. Mahan Babbar  
Professor | Dean of Professional Education  
School of Civil and Environmental Engineering

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/WAL692WMPH2x>

Coursera has certified the identity of this individual and their  
participation in the course.





# RICE UNIVERSITY

COURSE  
CERTIFICATE

May 9, 2023

**Aditya Kumar singh**

has successfully completed

**Interpersonal Communication for Engineering  
Leaders**

an online non-credit course authorized by Rice University and offered through Coursera.



Gayle Moran  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Beata Krupa  
Lecturer in Professional and Engineering Communication  
Rice Center for Engineering Leadership

Verify at:  
<https://coursera.org/verify/9672068745>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 3, 2023

Aditya Kumar singh

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/XR471AVH40xy>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 1, 2023

**Aditya Kumar singh**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/INST145078IT>

Coursera has certified the identity of this individual and their  
participation in the course.

# M UNIVERSITY OF MICHIGAN

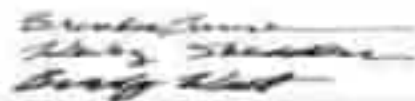
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehya Shekhten, Ph.D., Professor

Brady T. Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/USMHC08BHY95>

Coursera has confirmed the identity of this individual and their participation in the course.

# M UNIVERSITY OF MICHIGAN

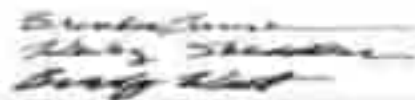
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Fitting Statistical Models to Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Goniksen, Ph.D., Lecturer II

Yehya Shihadeh, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/RGD90658D18E>

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Certificate no: UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8

Certificate url: [ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8](https://ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Kazi Md Ashik Ekbal**

Date **Feb. 11, 2024**

Length **18.5 total hours**



Certificate no: UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a  
Certificate url: [ude.my/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a](https://udemy.com/certificate/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Kazi Md Ashik Ekbal**

Date **Feb. 6, 2024**

Length **34 total hours**

# M UNIVERSITY OF MICHIGAN

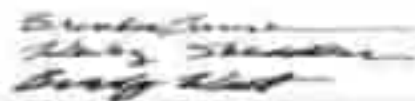
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gonderman, Ph.D., Lecturer II

Yehya Shabbas, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/550THP4Y8F2>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

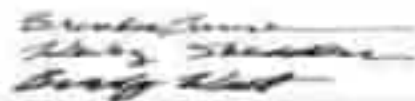
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Inferential Statistical Analysis with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gamble, Ph.D., Lecturer II

Vicky Shekhar, Ph.D., Professor

Sandy T. Hill, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/USMHC08BHY95>

Coursera has confirmed the identity of this individual and their participation in the course.





May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Fitting Statistical Models to Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

Three handwritten signatures in black ink, stacked vertically, representing the course instructors.

Brenda Goniksen, Ph.D., Lecturer II

Vicky Shublen, Ph.D., Professor

Stacy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/RGD90658D18E>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8

Certificate url: [ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8](https://ude.my/UC-d49db2c2-f4f6-4104-a9f2-7debd2dad7a8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Kazi Md Ashik Ekbal**

Date **Feb. 11, 2024**

Length **18.5 total hours**



Certificate no: UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a  
Certificate url: [ude.my/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a](https://udemy.com/UC-f854cda7-8b8a-4141-b71d-e7bf3caa17a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course + Meta 410-101 + ChatGPT

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

**Kazi Md Ashik Ekbal**

Date **Feb. 6, 2024**

Length **34 total hours**

# M UNIVERSITY OF MICHIGAN

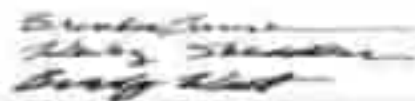
May 10, 2023

Kazi Md Ashik Ekbal

has successfully completed

Understanding and Visualizing Data with Python

an online non-credit course authorized by University of Michigan and offered through Coursera



Brenda Gonderman, Ph.D., Lecturer II

Yehy Shublen, Ph.D., Professor

Sandy T. Yim, Ph.D., Research Associate Professor

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/550THP4Y8F2>

Coursera has confirmed the identity of this individual and their participation in the course.



CERTIFICATE OF COMPLETION

# JDBC, DAO & SQL: Practical Crash Course - Build Database App

Instructors: Andrii Platokha, Learn IT University

## Abhishek Rao

Date: May 9, 2024

Length: 14 total hours



CERTIFICATE OF COMPLETION

# PHP Tutorial Beginner to Advanced

Instructors **AMIR KAMIZI**

**Abhishek Rao**

Date **May 9, 2024**

Length **10.5 total hours**





Certificate ID: UC-4622103-9461-4162-5247-9461-4622103  
Certificate URL: <https://www.udacity.com/certificate/UC-4622103-9461-4162-5247-9461-4622103>  
Expiry Date: 2024

CERTIFICATE OF COMPLETION

# Software architecture

Instructors **ANDRISVIATOBATKO**

**Abhishek Rao**

Date **May 9, 2024**

Length **8.5 total hours**



CERTIFICATE OF COMPLETION

# Spring Framework for Java Developers: Practical Guide

Instructors: **Andrii Platakha**

## Abhishek Rao

Date: **May 9, 2024**

Length: **20.5 total hours**



Certificate No. UC-CT00200-0820-4680-8020-0870-8020-08  
Certificate of completion UC-CT00200-0820-4680-8020-0870-8020-08  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Project for Project Manager & Civil Engineers - MSP

Instructors **Akshay Kamath**

**Abhishek Rao**

Date: **May 9, 2024**

Length: **23 total hours**



Certificate no: UC-0f6f65c4-7495-4ccf-aded-e6e2ffe25cc9

Certificate url: [uda.my/UC-0f6f65c4-7495-4ccf-aded-e6e2ffe25cc9](https://uda.my/UC-0f6f65c4-7495-4ccf-aded-e6e2ffe25cc9)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Dhritiman Das

Date **May 14, 2024**

Length **12 total hours**



Certificate no: UC-5b291c53-a994-4822-86d0-968e45d79fd8

Certificate url: [ude.my/UC-5b291c53-a994-4822-86d0-968e45d79fd8](https://ude.my/UC-5b291c53-a994-4822-86d0-968e45d79fd8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Dhritiman Das**

Date **May 14, 2024**

Length **22 total hours**





Certificate no: UC-fa59ae1b-8968-4a57-94c0-c2c53416fbc1  
Certificate url: [ude.my/UC-fa59ae1b-8968-4a57-94c0-c2c53416fbc1](https://ude.my/UC-fa59ae1b-8968-4a57-94c0-c2c53416fbc1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Meta Advertising for Real Estate & Copywriting with ChatGPT

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Dhritiman Das**

Date **May 14, 2024**

Length **16 total hours**



Certificate no: UC-167332f8-dfe2-4153-925e-6290804f4875

Certificate url: [ude.my/UC-167332f8-dfe2-4153-925e-6290804f4875](https://ude.my/UC-167332f8-dfe2-4153-925e-6290804f4875)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Universidad Desarrollo Web - FrontEnd Web Developer!

Instructors **Global Mentoring Ing. Ubaldo Acosta**

## Dhritiman Das

Date **May 14, 2024**

Length **30.5 total hours**



Certificado de Completado del Curso Udemy: Universidad Python - De Cero a Experto Más Completo +71 hrs  
Certificado de Completado del Curso Udemy: Universidad Python - De Cero a Experto Más Completo +71 hrs  
Emitido el 14 de mayo de 2024

CERTIFICATE OF COMPLETION

# Universidad Python - De Cero a Experto Más Completo +71 hrs

Instructor: Global Mentoring Ing. Ubaldo Acosta

**Sounak Nag**

Date: May 14, 2024

Length: 71.5 total hours



Certificate ID: UC-4774934-1000-444-174-0274-4022047  
Certificate URL: <https://www.udacity.com/certificate/UC-4774934-1000-444-174-0274-4022047>  
Issued: May 15, 2024

CERTIFICATE OF COMPLETION

# C-level management: 100 models for business success

Instructor: **Mathieu Bout**

**Sounak Nag**

Date: **May 15, 2024**

Length: **11 total hours**



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CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructor: OCSALY Academy | 340,000+ Students - Ethical Hacking

**Sounak Nag**

Date: May 15, 2024

Length: 12 total hours





Certificate for Completion  
of the course "Complete Course in AutoCAD Electrical 2022"  
Issued on 15/05/2024

CERTIFICATE OF COMPLETION

# Complete Course in AutoCAD Electrical 2022

Instructor: CAD/CIM Technologies

**Sounak Nag**

Date: May 15, 2024

Length: 17 total hours



Certificate no: UC-3d074461-4b12-4ab5-965f-fa8a49d820ad

Certificate url: [ude.my/UC-3d074461-4b12-4ab5-965f-fa8a49d820ad](https://ude.my/UC-3d074461-4b12-4ab5-965f-fa8a49d820ad)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C-level management: 100 models for business success

Instructors **Matthieu Bout**

**Bidhan Das**

Date **13 May 2024**

Length **11 total hours**



Certificate no: UC-770f2b16-3c02-40a2-bfdc-20d56a34dd8f

Certificate url: [ude.my/UC-770f2b16-3c02-40a2-bfdc-20d56a34dd8f](https://ude.my/UC-770f2b16-3c02-40a2-bfdc-20d56a34dd8f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering x86-64 Real Assembly Language from Zero | 2024ASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Bidhan Das

Date **14 May 2024**

Length **20.5 total hours**



Certificate no: UC-a4f3f2af-3a32-4097-9033-6d052b20732a

Certificate url: [ude.my/UC-a4f3f2af-3a32-4097-9033-6d052b20732a](https://ude.my/UC-a4f3f2af-3a32-4097-9033-6d052b20732a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Universidad Desarrollo Web - FrontEnd Web Developer!

Instructors **Global Mentoring Ing. Ubaldo Acosta**

**Bidhan Das**

Date **14 May 2024**

Length **30.5 total hours**





Certificate no: UC-e598087e-5f88-4413-bcf6-9036b918849a  
Certificate url: [ude.my/UC-e598087e-5f88-4413-bcf6-9036b918849a](https://ude.my/UC-e598087e-5f88-4413-bcf6-9036b918849a)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Bidhan Das**

Date **14 May 2024**

Length **18.5 total hours**







Certificate no. UC-0568020-ucp-426-1895-0834479103  
Certificate no. uc-0568020-ucp-426-1895-0834479103  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Build Complete 2024 CMS Blog in PHP MySQL Bootstrap & PDO

Instructors **Web Coding**

**Rupom Pal**

Date **May 13, 2024**

Length **10 total hours**



Certificate ID: UC-42087088-3-20-4076-8243-4644264288  
Certificate URL: <https://www.udacity.com/certificate/UC-42087088-3-20-4076-8243-4644264288>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Rupom Pal**

Date **May 13, 2024**

Length **18.5 total hours**





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CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Rupom Pal**

Date: May 14, 2024

Length: 22 total hours





Certificate no: UC-96c902cd-85aa-486d-92e0-bff745433138

Certificate url: [ude.my/UC-96c902cd-85aa-486d-92e0-bff745433138](https://www.udemy.com/certificate/UC-96c902cd-85aa-486d-92e0-bff745433138)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Rohit Roy**

Date **May 14, 2024**

Length **22 total hours**



Certificate no: UC-6e4d53c1-fa54-46b1-8c5f-25674fa25a83  
Certificate url: [udemy.com/UC-6e4d53c1-fa54-46b1-8c5f-25674fa25a83](https://udemy.com/UC-6e4d53c1-fa54-46b1-8c5f-25674fa25a83)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering x86-64 Real Assembly Language from Zero | 2024ASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

**Rohit Roy**

Date **May 14, 2024**

Length **20.5 total hours**



Certificate no: UC-89c06a51-728e-483d-949a-434578b81185

Certificate url: [www.udemy.com/certificate/UC-89c06a51-728e-483d-949a-434578b81185](https://www.udemy.com/certificate/UC-89c06a51-728e-483d-949a-434578b81185)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

**Rohit Roy**

Date **May 13, 2024**

Length **12 total hours**



Certificate no: UC-607da1c-d5d5-40cb-9235-c7105e55b251  
Certificate url: [udemy.com/certificate/UC-607da1c-d5d5-40cb-9235-c7105e55b251](https://udemy.com/certificate/UC-607da1c-d5d5-40cb-9235-c7105e55b251)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Rohit Roy**

Date **May 13, 2024**

Length **18.5 total hours**



Certificate no: UC-d4f61350-859c-468c-b189-1cedd87c7964

Certificate url: [uda.my/UC-d4f61350-859c-468c-b189-1cedd87c7964](https://udacity.com/UC-d4f61350-859c-468c-b189-1cedd87c7964)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Advertising Course + ChatGPT Guide 2024

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Rohit Roy**

Date **May 15, 2024**

Length **35.5 total hours**





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CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C-content based course (+10 hours)**

Instructors: **Daniel Pinheiro Maia**

**Soham Saha**

Date: **May 14, 2023**

Length: **11 total hours**



Certificate ID: 64102285-262-4481-6410-64102285  
Certificate ID: 64102285-262-4481-6410-64102285  
Reference Number: 99

CERTIFICATE OF COMPLETION

# Complete JavaScript, XML, AJAX and React Bootcamp - Hands-On

Instructor: YouAccel Training

**Soham Saha**

Date: May 13, 2023

Length: 12.5 total hours



Certificate of Completion for AWS: Elastic Load Balancing with Auto Scaling Groups  
Certificate ID: udemycert\_44224891\_Saha\_SohamSaha  
Issued on: 2023-05-13

CERTIFICATE OF COMPLETION

# **AWS: Elastic Load Balancing with Auto Scaling Groups**

Instructor: YouAccel Training

**Soham Saha**

Date: May 13, 2023

Length: 8 total hours



Certificate ID: udemy-100-1000-1000-1000-1000  
Certificate ID: udemy-100-1000-1000-1000-1000  
Reference Number: 0

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors: **Will Perez**

**Soham Saha**

Date: **May 14, 2023**

Length: **16.5 total hours**



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are trademarks of Udemy Inc. ©2023

CERTIFICATE OF COMPLETION

# Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructor: OCSALY Academy | 200,000+ Students

**Soham Saha**

Date: May 16, 2023

Length: 8.5 total hours





Certificate no. UC-10100000-0000-0000-0000-000000000000  
Certificate URL: [https://www.udacity.com/certificate/UC-10100000-0000-0000-0000-000000000000](#)  
Issued on: 2023-05-14

CERTIFICATE OF COMPLETION

# SaaS Marketing: SaaS Startup Lead Generation Lean Startup

Instructor: Dekker Fraser, MBA

**Soham Saha**

Date: May 14, 2023

Length: 13.5 total hours



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CERTIFICATE OF COMPLETION

# QuickBooks Pro Desktop 2022, 2021, & 2020

Instructors: **Robert (Bob) Steele**

**Kuheli Dutta**

Date: **May 13, 2022**

Length: **155.5 total hours**



CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructor: **Robert (Bob) Steele**

**Kuheli Dutta**

Date: **May 12, 2022**

Length: **22 total hours**



Certificate ID: 1672854032-4770-4770-463-57882204637  
Certificate URL: [https://www.udacity.com/certificate/1672854032-4770-4770-463-57882204637](#)  
Issued: February 18, 2023

CERTIFICATE OF COMPLETION

# Real time Automation+Manual Interview Questions with Answers

Instructor: Jaijishan Mahanty

**Kuheli Dutta**

Date: Feb. 18, 2023

Length: 8.5 total hours



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Publication Number: 12345

CERTIFICATE OF COMPLETION

# The Complete Sales Skills Master Class - Sales Marketing B2B

Instructors: **TJ Walker, Bob Berkowitz, Media Training Worldwide Digital**

**Kuheli Dutta**

Date: Feb. 27, 2023

Length: 30.5 total hours



CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: Horizon Tech

**Kuheli Dutta**

Date: Jan. 23, 2023

Length: 12.5 total hours





## COURSE CERTIFICATE

May 15, 2022

**Surojit Paul**

has successfully completed

**Python and Statistics for Financial Analysis**

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera



A handwritten signature in black ink, appearing to read "sh uen", written over a horizontal line.

Surojit Paul  
Associate Professor  
Department of Information Systems, Business Analytics and System Management

Verify at:  
<https://coursera.org/instant/SH02UJ21192>

Coursera has verified the identity of this individual and their participation in the course.

Duke  
UNIVERSITY

May 15, 2014

**Surojit Paul**

has successfully completed

**Introduction to Machine Learning**

an online non-credit course authorized by Duke University and offered through Coursera.

*James Lee Ray*  
LARRY GREEN

James M. Cox  
David Nelson  
Laurance Cox

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/643036402WYS>

Learning has transformed the identity of this institution. Our most  
valuable contribution is the culture.

# M UNIVERSITY OF MICHIGAN

May 11, 2012

**Surojit Paul**

*has successfully completed*

**Applied Machine Learning in Python**

an online non-credit course authorized by University of Michigan and offered through Coursera.



Kenneth R. Taylor  
Associate Professor  
School of Information

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/K7722888ACC>

Coursera has confirmed the identity of this individual and their participation in the course.





南京大學  
NANJING UNIVERSITY

May 14, 2022

**Surojit Paul**

has successfully completed

**Data Processing Using Python**

an online non-credit course authorized by Nanjing University and offered through Coursera.

ZHANG Li

is hereby  
attested as  
Department of Foreign Languages

COURSE  
CERTIFICATE



100-FY-201  
<https://coursera.org/institutionalaffiliations>  
Coursera has confirmed the identity of this individual and their participation in the course.

CERTIFICATE OF COMPLETION

# Political Science- Political Party and Politics

Instructor: **Dr. Swati Chakraborty**

**Surojit Paul**

Date: **April 20, 2023**

Length: **10.5 total hours**



Certificate ID: 00000000-0000-0000-0000-000000000000  
Certificate of completion ID: 00000000-0000-0000-0000-000000000000  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Branding & Brand Management: Branding Strategy Brand Tactics

Instructors: **Dekker Fraser, MBA**

**Surojit Paul**

Date: **April 20, 2023**

Length: **8 total hours**



Certificate no: UD-92794330-4881-453e-027e-3a68222147e  
Certificate URL: udacity.com/certificate/92794330-4881-453e-027e-3a68222147e  
Release Number: 2024

CERTIFICATE OF COMPLETION

# Woo-Commerce Flower Dropshipping Masterclass- Wordpress 2023

Instructor: **Passive Income Gen Z**

**Surojit Paul**

Date: **April 20, 2023**

Length: **9.5 total hours**







Certificate no. UC-22871028-2022-424-4896-14426671028  
Conditions of use: [https://www.udacity.com/terms-and-conditions](#)  
Release Number: 2021

CERTIFICATE OF COMPLETION

# Advanced Financial Accounting

Instructors: **Robert (Bob) Steele**

**Surojit Paul**

Date: **May 14, 2023**

Length: **63.5 total hours**



Certificate no: UC-01b9948b-db50-4d67-b200-fbfa91ee82d8

Certificate url: [ude.my/UC-01b9948b-db50-4d67-b200-fbfa91ee82d8](https://ude.my/UC-01b9948b-db50-4d67-b200-fbfa91ee82d8)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Advertising Course + ChatGPT Guide 2024

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Arnab Nandy**

Date **May 15, 2024**

Length **35.5 total hours**



Certificate no: UC-757d44e5-0e96-4f85-ab7c-2d61a0a9f004

Certificate url: [ude.my/UC-757d44e5-0e96-4f85-ab7c-2d61a0a9f004](https://ude.my/UC-757d44e5-0e96-4f85-ab7c-2d61a0a9f004)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Marketing Strategist. Unlock your career growth

Instructors **Anton Voroniuk, Anton Voroniuk Support, Vlad Bogutskiy, Oleksii Serhiienko, Artem Kolomiets, Julia Gubanova, Hanna Ivanova, Burach Ivan**

## Arnab Nandy

Date **May 15, 2024**

Length **29 total hours**



Certificate no: UC-9e667a11-8ceb-4aca-89fe-0da33678b41c

Certificate url: [ude.my/UC-9e667a11-8ceb-4aca-89fe-0da33678b41c](https://udemy.com/certificate/UC-9e667a11-8ceb-4aca-89fe-0da33678b41c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX : Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Arnab Nandy

Date **May 15, 2024**

Length **12 total hours**





DARDEN SCHOOL  
of BUSINESS

Apr 26, 2017

**Arnab Ghorui**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by the University of Virginia and offered through  
Coursera

*May C. Justice*

May C. Justice  
Dean of Students, Center for Public Policy  
Research and Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



UNIVERSITY OF VIRGINIA  
<https://coursera.org/certificates/100001225000>

Coursera has confirmed the identity of the individual and their  
set of courses in this process.





Certificate ID: UC-0115361-2023-462-562-0334056113  
Certificate URL: <https://www.udemy.com/certificate/UC-0115361-2023-462-562-0334056113>  
Reference Number: 0334

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: Yusuf Kati

**Arnab Ghorui**

Date: April 7, 2023

Length: 24 total hours



# Georgia Institute of Technology

Apr 2, 2023

**Arnab Ghorui**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Greg Sankler  
Senior Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/CFER/31079/212>

Coursera has confirmed the identity of the individual and their participation in the course.



Certificate ID: UC-273-8872 with 45ac910-40397184  
Certificate URL: udemy/UC-273-8872 with 45ac-1310-410397184  
Reference Number: 2024

CERTIFICATE OF COMPLETION

# Python Programming Bootcamp 2023 from Basics to Advanced

Instructors: Parv Shah

**Arnab Ghorui**

Date: May 12, 2023

Length: 29 total hours



Certificate ID: UC-4818484-270-4807-8894-0261882747  
Certificate URL: <https://www.udacity.com/certificate/UC-4818484-270-4807-8894-0261882747>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Professional Agile Software QA Testing (Resume + Interview)

Instructors: Farhan Ishaq

**Arnab Ghorui**

Date: May 4, 2023

Length: 10 total hours



CERTIFICATE OF COMPLETION

# Diploma in Quantity Surveying & Cost Estimation With AutoCAD

Instructors **Akshay Kamath**

**Dhruva Singh**

Date **May 18, 2024**

Length **54.5 total hours**





CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors: **Horizon Tech**

**Dhruva Singh**

Date: **May 18, 2024**

Length: **18.5 total hours**



## Subho kumar Pal

has completed the following course:

**AGRICULTURE, ECONOMICS AND NATURE**  
THE UNIVERSITY OF WESTERN AUSTRALIA

100%  
OVERALL  
SCORE

On this course, we explore key economic principles that will help you to make sense of the changes that have occurred in agriculture and understand why different agricultural economic decisions have been made. We cover subjects like agricultural production methods, input levels, resource conservation, and sustainable agricultural production, and consider how improved economic thinking can positively impact these areas.

### STUDY REQUIREMENT

6 weeks, 4 hours per week

### SYLLABUS

- Explore the history of agricultural production and prices, and examination into the reasons behind changes in production and prices.
- Develop understanding of water availability, peak phosphorus, herbicide resistance, and climate change.
- Look at the relationship between inputs and outputs, the optimal level of an input, the question of pollution from inputs, and flat payoff functions.
- Evaluate land conservation practices, weighing benefits and costs correctly and non-economic factors.
- Discuss the importance of extending economics beyond the farm gate.
- Discuss government policies that support agriculture, protect the rural environment, policies with problems and justifications for agricultural policy.



Certificate of Achievement

# Subho kumar Pal

has completed the following course:

**PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS  
THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

This course explored: the dynamic nature of IDOs such as COVID-19, their impact on risk and protective factors for children, the continued centrality of child participation and how to adapt child protection programs and services while continuing to work effectively with teams in IDOs.

6 weeks, 3 hours per week



Audrey Buller  
Coordinator

The Alliance for Child Protection in Humanitarian Action



Hani Mansourian  
Coordinator

Alliance for Child Protection in Humanitarian Action  
The Alliance for Child Protection in Humanitarian Action



**THE ALLIANCE  
FOR CHILD PROTECTION  
IN HUMANITARIAN ACTION**



## Subho kumar Pal

has completed the following course:

### **PROTECTING CHILDREN DURING COVID-19 AND OTHER INFECTIOUS DISEASE OUTBREAKS THE ALLIANCE FOR CHILD PROTECTION IN HUMANITARIAN ACTION**

The course covered topics including: the impact of public health measures on risk and protective factors and protection services for children, the application of CPMS and guiding principles, strategies for adapting child protection approaches and services, key program management considerations for working remotely with teams and the importance of ensuring child participation, child safeguarding, working across sectors and with governments and social service workforce well-being.

#### **STUDY REQUIREMENT**

6 weeks, 3 hours per week

#### **LEARNING OUTCOMES**

- Assess the context set through public health measures and elaborate on how this affects protective and risk factors for children in preparedness, response, transition and recovery to COVID-19 and other IDOs
- Describe the main child protection risks during IDOs such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk informed programming and contribute to system strengthening in future IDOs
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards

#### **SYLLABUS**

By the end of the course, you will be able to ...

- Assess the context set through public health measures and elaborate on how these affect protective and risk factors for children in all stages of an Infectious Disease Outbreak
- Describe the main child protection risks during an Infectious Disease Outbreak such as COVID-19 in your context through a socioecological and developmental lens
- Explain the centrality of child participation through all stages of the programme cycle and identify ways to foster safe child participation in the context of Infectious Disease Outbreak
- Summarize ways to adapt child protection prevention and response programming in line with CPMS principles and standards
- Describe how to jointly implement with other sectors to protect children
- Identify key actions to support risk-informed programming and contribute to system strengthening in future health shocks and Infectious Disease Outbreaks





Certificate no: UC-bfe91abd-31dc-4140-86c8-5c1ba34f99c6

Certificate url: [ude.my/UC-bfe91abd-31dc-4140-86c8-5c1ba34f99c6](https://ude.my/UC-bfe91abd-31dc-4140-86c8-5c1ba34f99c6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 43 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Subho kumar pal**

Date **June 7, 2022**

Length **36 total hours**



Certificate no: UC-cf97d9ab-c907-4ea9-90a6-c27eb658f767

Certificate url: [ude.my/UC-cf97d9ab-c907-4ea9-90a6-c27eb658f767](https://ude.my/UC-cf97d9ab-c907-4ea9-90a6-c27eb658f767)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Photoshop 2022 Ultimate Guide

Instructors **Learn Tech Plus**

**Subho kumar pal**

Date **June 7, 2022**

Length **22 total hours**



Certificate no: UC-e6373ec9-6692-4638-8b89-245a952b7e39

Certificate url: [ude.my/UC-e6373ec9-6692-4638-8b89-245a952b7e39](https://ude.my/UC-e6373ec9-6692-4638-8b89-245a952b7e39)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Excel Accounting 1- Transactions for Common Data Input Forms

Instructors **Robert (Bob) Steele**

**Subho kumar pal**

Date **March 31, 2023**

Length **8.5 total hours**





Certificate no: UC-ff8d0f92-17f0-41ff-82e1-5f561f57ea38

Certificate url: [ude.my/UC-ff8d0f92-17f0-41ff-82e1-5f561f57ea38](https://udemy.com/certificate/UC-ff8d0f92-17f0-41ff-82e1-5f561f57ea38)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Video Production, YouTube Marketing, & Video Marketing Guide

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

**Subho kumar pal**

Date **March 31, 2023**

Length **16.5 total hours**



Certificate no: UC-8d9a803-68d7-490a-b062-3d7a0921b25e  
Certificate url: udemy.com/UC-8d9a803-68d7-490a-b062-3d7a0921b25e  
Reference Number: 3034

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro | Ultimate Guide

Instructors: **Josh Werner**

**Subho kumar pal**

Date: **April 15, 2023**

Length: **13.5 total hours**





Certificate no: UC-8c32f6a4-3c16-495d-a9c6-5f44601b2e1d

Certificate url: [ude.my/UC-8c32f6a4-3c16-495d-a9c6-5f44601b2e1d](https://ude.my/UC-8c32f6a4-3c16-495d-a9c6-5f44601b2e1d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python for Data Science and Machine Learning

Instructors **Hassan Fulaih**

**Sinchan Datta**

Date **Feb. 1, 2023**

Length **17.5 total hours**



Certificate no: UC-3ba5b598-19e9-4b97-86c4-ea628b4ce8a1  
Certificate url: [ude.my/UC-3ba5b598-19e9-4b97-86c4-ea628b4ce8a1](https://ude.my/UC-3ba5b598-19e9-4b97-86c4-ea628b4ce8a1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SEO & Copywriting Course as Project & Fun: 51 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## **Sinchan Datta**

Date **Feb. 3, 2023**

Length **38 total hours**



Certificate no: UC-5d55bada-585f-46e8-b03f-3a465125154d

Certificate url: [ude.my/UC-5d55bada-585f-46e8-b03f-3a465125154d](https://ude.my/UC-5d55bada-585f-46e8-b03f-3a465125154d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Introduction into Facebook Marketing & Facebook Advertising

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy**

## **Sinchan Datta**

Date **Jan. 31, 2023**

Length **11 total hours**





Certificate no: UC-dcd4c246-63a0-4924-b71e-faf25387b7df

Certificate url: [ude.my/UC-dcd4c246-63a0-4924-b71e-faf25387b7df](https://ude.my/UC-dcd4c246-63a0-4924-b71e-faf25387b7df)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Hands-On React. Build advanced React JS Frontend with expert

Instructors **Nick Ovchinnikov**

## **Sinchan Datta**

Date **Feb. 1, 2023**

Length **17.5 total hours**



Certificate no: UC-e7493c17-3573-4a0f-9b4e-32d05aa47a5d

Certificate url: [ude.my/UC-e7493c17-3573-4a0f-9b4e-32d05aa47a5d](https://ude.my/UC-e7493c17-3573-4a0f-9b4e-32d05aa47a5d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Practical Next.js & React - Build a real WebApp with Next.js

Instructors **Nick Ovchinnikov**

## **Sinchan Datta**

Date **Feb. 1, 2023**

Length **11 total hours**





Certificate no: UC-a3618460-8050-4b39-983e-758ca467bfe5  
Certificate url: [ude.my/UC-a3618460-8050-4b39-983e-758ca467bfe5](https://ude.my/UC-a3618460-8050-4b39-983e-758ca467bfe5)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Instagram Ads Course 2023 (Ready for iOS 14+)

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Sinchan Datta

Date **Feb. 1, 2023**

Length **15 total hours**



Certificate no: UC-3d61c77b-d1d8-4349-ba0b-beb5096ec127

Certificate url: [udemy.com/UC-3d61c77b-d1d8-4349-ba0b-beb5096ec127](https://udemy.com/UC-3d61c77b-d1d8-4349-ba0b-beb5096ec127)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Programming with C++ Language: The Complete Course

Instructors **Rakesh Roshan**

## **Sinchan Datta**

Date **Jan. 31, 2023**

Length **10 total hours**



Certificate no: UC-6f87d550-4eba-4e21-8d9c-84c5764797db

Certificate url: [ude.my/UC-6f87d550-4eba-4e21-8d9c-84c5764797db](https://ude.my/UC-6f87d550-4eba-4e21-8d9c-84c5764797db)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Real time Automation+Manual Interview Questions with Answers

Instructors **Jaikishan Mohanty**

**Sinchan Datta**

Date **Jan. 31, 2023**

Length **8.5 total hours**





Certificate no: UC-7ae0e55b-db1a-493c-90f7-788a4c8bdd8e

Certificate url: [ude.my/UC-7ae0e55b-db1a-493c-90f7-788a4c8bdd8e](https://ude.my/UC-7ae0e55b-db1a-493c-90f7-788a4c8bdd8e)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Rajat subhra chowdhury**

Date **May 7, 2022**

Length **22 total hours**



Certificate no: UC-d481cb71-2070-4c4e-bdd8-e161a35ae585

Certificate url: [ude.my/UC-d481cb71-2070-4c4e-bdd8-e161a35ae585](https://udemy.com/certificate/UC-d481cb71-2070-4c4e-bdd8-e161a35ae585)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

**Rajat subhra chowdhury**

Date **May 7, 2022**

Length **9.5 total hours**



**Verified  
Certificate**



A handwritten signature in black ink, appearing to read 'Gita Goel'.

Gita Goel  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Rajat subhra Chowdhury**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued April 21, 2022

Valid Certificate ID  
<https://www.linuxfoundation.org/certification/verify/005f5bc7619904275430730918048830>





Certificate no: UC-5d16edd5-959c-464d-9d5b-e39b793f4167

Certificate url: [ude.my/UC-5d16edd5-959c-464d-9d5b-e39b793f4167](https://www.udemy.com/certificate/UC-5d16edd5-959c-464d-9d5b-e39b793f4167/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2022

Instructors **Hemanth kumar**

**Rajat subhra chowdhury**

Date **July 19, 2022**

Length **45.5 total hours**

# Verified Certificate



A handwritten signature in black ink, appearing to read 'Diplo Khandelwal'.

Diplo Khandelwal  
Vice President & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Rajat Subhra Chowdhury**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued January 4, 2023

Verifiable Certificate ID  
ed528849286c74701a620c17c461c8273

**Verified**  
Certificate



This is to certify that

**Rajat subhra Chowdhury**

successfully completed and received a passing grade in

**LFS112x: Ethics in AI and Big Data**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink.

Cypto Neeraj  
General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued July 3, 2021

Valid Certificate ID  
DZu3T8fu2Dn74e2m8u357H5001e83C0B





THE UNIVERSITY  
*of* EDINBURGH

Jan 29, 2022

**RAJAT SUBHRA CHOWDHURY**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Yannis Liaras, Matthew Crummin, Allan Hazlett, Michael Stenner, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/784XMPRQ67X2](https://coursera.org/verify/784XMPRQ67X2)

Coursera has confirmed the identity of this individual and their  
participation in the course.

# Verified Certificate



Jayesh Venkatesh  
Data Scientist  
IBM

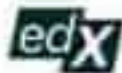
This is to certify that

**Rajat subhra Chowdhury**

successfully completed and received a passing grade in

**PY0101EN: Python Basics for Data Science**

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate  
issued July 2, 2021

Valid Certificate ID  
[8c1c123ac08728c086c29a18b1d1a081d](#)



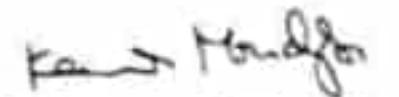
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **RAJAT CHOWDHURY** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **AKASH ROY** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**Saurav Chowdhury** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

January 28th 2021

  
Prof. Kannan M Moudgal  
IIT Bombay



July 1, 2021

**RAJAT SUBHRA CHOWDHURY**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/NSQA30E3DR2K](https://coursera.org/verify/NSQA30E3DR2K)

Coursera has certified the identity of this individual and their participation in the course.

**Verified  
Certificate**

ColumbiaX

This is to certify that

**Rajat subhra Chowdhury**

successfully completed and received a passing grade in

**BUDDHA1x: Indian & Tibetan River of Buddhism**

a course of study offered by ColumbiaX, an online learning  
initiative of Columbia University.



Robert K. F. Thumm  
Jay Tsong Khapa Professor of Indo-Tibetan Studies  
Columbia University



Verified Certificate  
issued July 6, 2021

Valid Certificate ID  
<https://www.columbia.edu/~rkt2000/BUDDHA1x/rajat-subhra-chowdhury>



**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Muneer Lonega".

Muneer Lonega

Director, Training and Certification

Amazon Web Services (AWS)

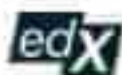
This is to certify that

**Rajat subhra Chowdhury**

successfully completed and received a passing grade in

**OTP-AWSD9: Migrating to the AWS Cloud**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued July 21, 2021

Valid Certificate ID  
0c4478v216194320wed07u4477u619y



**Georgia Institute**  
**of Technology**

Nov 19, 2020

**Trishit Char**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

David J. Reardon  
Vice President  
of Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/22934627053>

Coursera has confirmed the identity of the individual and their qualification in this course.



May 29, 2022

**TRISHIT CHAR**

has successfully completed

**A Life of Happiness and Fulfillment**

worldwide executive course facilitated by ISB's School of Business and offered through Coursera

*Rajivpal Rajwani*

Executive Director of ISB  
School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/272a310v502>  
Issued for confirmed ID, ability of the recipient and the participant in the course



May 11, 2017

**TRISHIT CHAR**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by the University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', written over a horizontal line.

Professor  
Charles E. Young, School of Engineering  
University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://courses.coursera.org/verify/83060234411>  
Coursera has confirmed the identity of the instructor and the participant in this course.

**UCI** Division of  
Continuing Education

May 14, 2017

**TRISHIT CHAR**

has successfully completed

**Communication in the 21st Century Workplace**

provided as credit course authorized by University of California, Irvine and offered  
through Coursera



Director  
Continuing Education

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificates/12381337483>

Coursera has confirmed the identity of the individual who has  
participated in this course.





DARDEN SCHOOL  
of BUSINESS

May 26, 2022

**TRISHIT CHAR**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

world-class credit course authorized by University of Virginia and offered through  
Coursera

*May C. Justice*

Professor  
Executive Director, Center for Ethics  
Professor of Business  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/2700201922>

Coursera has confirmed the identity of the instructor and the participant in this record.



Certificate no. UC-8202461-1000-4201-4474-40404034404  
Certificate no. UC-8202461-1000-4201-4474-40404034404  
Release: March 2023

CERTIFICATE OF COMPLETION

# QuickBooks Desktop vs. Excel

Instructors: Robert (Bob) Steele

**Trishit Char**

Date: March 14, 2023

Length: 128 total hours



Certifikat no. 2C-887626-7667-6264-5126-3656-23662  
Dapatkan sertifikat digital ini di halaman [Udemy Certificate](#)  
Museum, Oktober 2024

CERTIFICATE OF COMPLETION

# SEO Training: Complete SEO Course & SEO Copywriting MASTERY

Instructors: **Ing. Tomas Moravec, SEO, Facebook Ads & Digital Marketing Academy**

**Trishit Char**

Date: **May 5, 2023**

Length: **24 total hours**



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Certificate of Completion for the course  
Issued on: 2023-05-21

CERTIFICATE OF COMPLETION

# CSS, Bootstrap, JavaScript And PHP Stack Complete Course

Instructors: PROPER DOT INSTITUTE

**Trishit Char**

Date: May 21, 2023

Length: 8 total hours



Certificates are not affiliated with any educational institution.  
Certificates of Udemy are not affiliated with any educational institution.  
© Udemy, Inc. 2024

CERTIFICATE OF COMPLETION

# Digital Marketing Course 2024: Be a Digital Marketing Nomad

Instructors: Ing. Tomas Monsek, Learn Digital Advertising, Thomas Talavera Karlslake, Hazel Owens

**Trishit Char**

Date: May 3, 2024

Length: 91 total hours





# Verified Certificate



Musveen Lungegan  
Director, Training and Certification  
Amazon Web Services (AWS)

This is to certify that

**Budhaditya Mukherjee**

successfully completed and received a passing grade in

**AWS-DA-02: Getting Started with Data  
Analytics on AWS**

a course of study offered by AWS, an online learning  
initiative of AWS.



Verified Certificate  
Issued May 12, 2024

Valid Certificate ID

[c2602f69e7d945e3921b38545a11c226](#)





# Verified Certificate



Sanjiv Kumar  
AI and Data Scientist Program Director  
IBM

This is to certify that

**Budhaditya Mukherjee**

successfully completed and received a passing grade in

**AI0101EN: AI for Everyone: Master the Basics**

a course of study offered by IBM, an online learning  
initiative of IBM.



Verified Certificate  
Issued May 13, 2023

Valid Certificate ID

[44012034db4049322b2634e488ec553924](#)





**Verified**  
Certificate



A handwritten signature in black ink, appearing to read "Clyde Sispencol".

Clyde Sispencol  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Budhadiya Mukherjee**

successfully completed and received a passing grade in

**LFS101x: Introduction to Linux**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



Verified Certificate  
Issued June 14, 2022

Valid Certificate ID  
1889b5e646794c23208b2714946265848

# Verified Certificate



A handwritten signature in black ink, appearing to read "Clyde Sussman".

Clyde Sussman  
SVP & General Manager, Training & Certification  
The Linux Foundation

This is to certify that

**Budhaditya Mukherjee**

successfully completed and received a passing grade in

## **LFS170x: Blockchain: Understanding Its Uses and Implications**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.



**Verified Certificate**  
Issued June 14, 2022

**Valid Certificate ID**  
ca5f366702bd45279754d29f69692c69



**4TU** Centre for Ethics  
and Technology

Jul 7, 2023

**Budhaditya Mukherjee**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lambert Buijskers  
Alumnus Evidence  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/8U62DHQYH5QL](https://coursera.org/verify/8U62DHQYH5QL)

Coursera has certified the identity of this individual and their  
participation in the course.



HIGHER SCHOOL OF ECONOMICS  
NATIONAL RESEARCH UNIVERSITY

Jul 7, 2021

**Budhaditya Mukherjee**

has successfully completed

**Communication theory: bridging academia and practice**

an online non-credit course authorized by HSE University and offered through Coursera.

*Olya Solov'yeva M. Mordvinova*

Olya Solov'yeva, MA in Communication  
Lecturer  
Integrated Communications Department,  
Faculty of Communications, Media and Design,  
National Research University Higher School of Economics

Maria Mordvinova, EMBA  
Head of BA Program in PR and Advertising  
Integrated Communications Department,  
Faculty of Communications, Media and Design

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/2f5YGED2Z7GA](https://coursera.org/verify/2f5YGED2Z7GA)

Coursera has confirmed the identity of this individual and their participation in the course.





Jul 22, 2021

**Budhaditya Mukherjee**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', with a long horizontal line extending to the right.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/96VMJ396ZT7Y](https://coursera.org/verify/96VMJ396ZT7Y)

Coursera has certified the identity of this individual and their participation in the course.



Jan 19, 2022

**Budhaditya Mukherjee**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
UTexas School of Business

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/VG825jMM659k](https://coursera.org/verify/VG825jMM659k)

Coursera has certified the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

Jan 19, 2022

**Budhaditya Mukherjee**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

Devi Mukherjee, Duncan Pritchard, Yaelin Landa, Matthew Crummon, Allan Hazlett, Michaela M. Gammert, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/TYJ49MT5P8VC](https://coursera.org/verify/TYJ49MT5P8VC)

Coursera has confirmed the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

Dec 11, 2020

**Budhaditya Mukherjee**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/X345Q3YT8V5W](https://coursera.org/verify/X345Q3YT8V5W)

Coursera has confirmed the identity of this individual and their participation in the course.

# Verified Certificate



This is to certify that

**Budhaditya Mukherjee**

successfully completed and received a passing grade in

**LFS158x: Introduction to Kubernetes**

a course of study offered by LinuxFoundationX, an online learning initiative of The Linux Foundation.

A handwritten signature in black ink, appearing to read "Clyde Simpson".

Clyde Simpson  
SVP & General Manager, Training & Certification  
The Linux Foundation



Verified Certificate  
Issued May 12, 2024

Valid Certificate ID

[29f6bb330b1949baa7c778c816484a7d](#)





Certificate no: UC-a91e7e9a-4f1d-4bbf-98c1-561d0b558da4  
Certificate url: [ude.my/UC-a91e7e9a-4f1d-4bbf-98c1-561d0b558da4](https://ude.my/UC-a91e7e9a-4f1d-4bbf-98c1-561d0b558da4)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# SAT Digital | Math Master Course | 2024 Updated | Target 800

Instructors **Nadeem Arain**

## Haripada Roy

Date **May 10, 2024**

Length **64 total hours**



Certificate no: UC-36289922-4fe0-44b9-9a4a-31939f43194c

Certificate url: [ude.my/UC-36289922-4fe0-44b9-9a4a-31939f43194c](https://ude.my/UC-36289922-4fe0-44b9-9a4a-31939f43194c)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Microsoft Project for Project Manager & Civil Engineers - MSP

Instructors **Akshay Kamath**

## Haripada Roy

Date **May 10, 2024**

Length **23 total hours**



Certificate no: UC-d72f01c9-4733-4124-a46c-7a56a0a675f4

Certificate url: [ude.my/UC-d72f01c9-4733-4124-a46c-7a56a0a675f4](https://ude.my/UC-d72f01c9-4733-4124-a46c-7a56a0a675f4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# BIM- Dynamo for Revit- Master Class

Instructors **Amir Karami**

## Haripada Roy

Date **May 10, 2024**

Length **28.5 total hours**





Certificate no: UC-f64997a9-1278-4f8c-8295-2ad02be2d07d

Certificate url: [ude.my/UC-f64997a9-1278-4f8c-8295-2ad02be2d07d](https://ude.my/UC-f64997a9-1278-4f8c-8295-2ad02be2d07d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master in Marketing Strategy and Marketing Management

Instructors **Arun Singhal B-Tech, MBA (IIM-B), Unilever, J&J, Danone, IIMU, Cello**

## Haripada Roy

Date **May 10, 2024**

Length **11.5 total hours**



Certificate no: UC-998df2e3-d1b2-43ad-80c0-706030bd1173

Certificate url: [ude.my/UC-998df2e3-d1b2-43ad-80c0-706030bd1173](https://ude.my/UC-998df2e3-d1b2-43ad-80c0-706030bd1173)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master in Business Administration (MBA)

Instructors **Arun Singhal B-Tech, MBA (IIM-B), Unilever, J&J, Danone, IIMU, Cello**

## Haripada Roy

Date **May 10, 2024**

Length **9.5 total hours**





Certificate no: UC-a2d57f95-9ab0-41ab-be2f-7328376591c5

Certificate url: [ude.my/UC-a2d57f95-9ab0-41ab-be2f-7328376591c5](https://ude.my/UC-a2d57f95-9ab0-41ab-be2f-7328376591c5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a Backend REST API with Node JS from Scratch

Instructors **Pierre-Henry Soria**

## Haripada Roy

Date **May 10, 2024**

Length **12.5 total hours**



Certificate no: UC-27f703b9-8562-4831-a66b-c1900b337a16

Certificate url: [ude.my/UC-27f703b9-8562-4831-a66b-c1900b337a16](https://ude.my/UC-27f703b9-8562-4831-a66b-c1900b337a16)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spring Framework for Java Developers: Practical Guide

Instructors **Andrii Piatakha**

**Haripada Roy**

Date **May 11, 2024**

Length **20.5 total hours**



Certificate no: UC-84074d9d-95be-41d1-a635-af84bef80af3

Certificate url: [ude.my/UC-84074d9d-95be-41d1-a635-af84bef80af3](https://ude.my/UC-84074d9d-95be-41d1-a635-af84bef80af3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Level 1 - Japanese Candlesticks Trading Mastery Program

Instructors **Rohit Musale, CFA, Rashmi Musale**

## Haripada Roy

Date **May 11, 2024**

Length **13 total hours**





Certificate no: UC-03bdcc06-737a-4714-b8b1-15238af4dd3f  
Certificate url: [ude.my/UC-03bdcc06-737a-4714-b8b1-15238af4dd3f](https://ude.my/UC-03bdcc06-737a-4714-b8b1-15238af4dd3f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Masters in Structural Engineering & Drawing Reading - Etabs

Instructors **Akshay Kamath**

**Haripada Roy**

Date **May 11, 2024**

Length **55 total hours**



Certificate no: UC-6640abd6-07de-46a3-9011-557524b4b24c  
Certificate url: [ude.my/UC-6640abd6-07de-46a3-9011-557524b4b24c](https://ude.my/UC-6640abd6-07de-46a3-9011-557524b4b24c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Web Front End Learning Guide

Instructors **Hassan Fulaih**

**Sk Shonju Ali**

Date **May 16, 2024**

Length **10 total hours**





Certificate no: UC-25eeba16-e694-4090-b46d-78b39a5bc83f  
Certificate url: [ude.my/UC-25eeba16-e694-4090-b46d-78b39a5bc83f](https://ude.my/UC-25eeba16-e694-4090-b46d-78b39a5bc83f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# C# Complete Beginner's Guide

Instructors **Saleh Zarei**

**Sk Shonju Ali**

Date **May 16, 2024**

Length **11.5 total hours**



Certificate no: UC-e98efc07-54b5-4531-92c5-ba46df34383a

Certificate url: [ude.my/UC-e98efc07-54b5-4531-92c5-ba46df34383a](https://ude.my/UC-e98efc07-54b5-4531-92c5-ba46df34383a)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# HTML 5, Python, Flask Framework All In One Complete Course

Instructors **Horizon Tech**

## Sk Shonju Ali

Date **May 16, 2024**

Length **9.5 total hours**



Certificate no: UC-46f99dda-fac4-4763-8b72-d0b2e1671572

Certificate url: [ude.my/UC-46f99dda-fac4-4763-8b72-d0b2e1671572](https://ude.my/UC-46f99dda-fac4-4763-8b72-d0b2e1671572)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 2024 Core JAVA Bootcamp from Zero to Hero

Instructors **Surendra Varma Pericherla**

## Sk Shonju Ali

Date **May 16, 2024**

Length **15.5 total hours**

# UCI Division of Continuing Education

17 May, 2023

## SK SHONJU ALI

has successfully completed

### Advanced Writing

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Terry Chapman  
Admin. Dean

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/PCTRINVTASS>

Coursera has verified the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

13 May, 2023

SK SHONJU ALI

has successfully completed

Writing and Editing: Word Choice and Word Order

an online non-credit course authorized by University of Michigan and offered through  
Coursera



Patrick Barry  
Clinical Assistant Professor of Law  
Michigan Law School

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/2aww50095886>

Coursera has certified the identity of 194 individual and their participation in the course.





**4TU** Centre for Ethics  
and Technology

23 May, 2023

**SK SHONJU ALI**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU.Ethics and offered through Coursera

Lucille Roelkens  
Alma Mater Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/G84RV7U1COY22>

Coursera has verified the identity of this individual and their  
participation in the course.

# M UNIVERSITY OF MICHIGAN

15 May, 2023

SK SHONJU ALI

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/f101k2vabhw50>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-c84ea38e-6243-43f9-98ee-bec3a692ba23  
Certificate url: [ude.my/UC-c84ea38e-6243-43f9-98ee-bec3a692ba23](https://ude.my/UC-c84ea38e-6243-43f9-98ee-bec3a692ba23)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Course in AutoCAD Electrical 2021

Instructors **CADCIM Technologies**

**Sk Shonju Ali**

Date **May 16, 2024**

Length **19 total hours**



VERIFIED

CERTIFICATE *of* ACHIEVEMENT

Robert Evers

Gregory B. Long Research Professor of Educational  
Leadership, Harvard  
University

This is to certify that:

**Apratim Mukherjee**

successfully completed and received a passing grade in:

**GSE2x: Leaders of Learning**

a course of study offered by HarvardX, an online learning initiative of Harvard University.



VERIFIED CERTIFICATES issued January 12, 2021

10410 CERTIFICATE ID:CEA707ed7064064682663326f3327e



Feb 16, 2022

**Apratim Mukherjee**

has successfully completed

**Programming Fundamentals**

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, which appears to read "Andrew G. Wilson".

Andrew G. Wilson | Deborah M. Lipp | Anne Tracy  
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer  
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

**COURSE  
CERTIFICATE**



Verify at: [coursera.org/verify/QL32U3H7QRPU](https://coursera.org/verify/QL32U3H7QRPU)

Coursera has confirmed the identity of this individual and their participation in the course.



# Verified Certificate



Joseph Santaricchio

Data Scientist

IBM

This is to certify that

Apratim Mukherjee

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of  
IBM.



Verified Certificate  
Issued January 23, 2021

Valid Certificate ID  
0bb9bd8945c74c6fa9b926af4027b8f3

# Certificate

of hours of learning

Apratim Mukherjee

Python by TheNewBoston  
06 hours 07 minutes

Month / Year  
07 / 2021

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Dantas  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email:

[apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



# Certificate

of hours of learning

Apratim Mukherjee

Technology Entrepreneurship by Stanford  
07 hours 19 minutes

Month / Year  
07 / 2021

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Dantas  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email: [apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



# Certificate

of hours of learning

Apratim Mukherjee

Advanced WordPress theme development by Codeytek Academy  
16 hours 45 minutes - From 28/04/2022 to 09/06/2022

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Santos  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email:

[apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



# Certificate

of hours of learning

Apratim Mukherjee

Artificial intelligence with Python by CS50  
12 Hours 40 minutes - From 28/06/2022 to 09/08/2022

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Santos  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email:

[apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: [contato@cursa.app](mailto:contato@cursa.app)





# Certificate

of hours of learning

Apratim Mukherjee

Database by Stanford Dbclass

17 hours 23 minutes - From 08/06/2022 to 09/06/2022

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Santos  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email: [apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company  
E-mail: [contato@cursa.app](mailto:contato@cursa.app)



# Certificate

of hours of learning

Apratim Mukherjee

Computer science and Java by Teclado  
08 Hours 05 minutes - From 08/06/2022 to 09/06/2022

Student signature:  
Apratim Mukherjee

  
Adrian Medeiros Santos  
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to [cursa.app/en/verify](https://cursa.app/en/verify) and consult by email:

[apratimrohan17@gmail.com](mailto:apratimrohan17@gmail.com)

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



freeCodeCamp (A)

Issued September 16, 2022

This certifies that  
**Apratim Mukherjee**  
has successfully completed the freeCodeCamp.org  
**Responsive Web Design**

Developer Certification, representing approximately 300 hours of  
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org

Verify this certification at <https://freecodecamp.org/certification/fcc6e4d763-5fee-4259-8126-5eb511a3a968/responsive-web-design>



# Certificate

We certify that **Apratim Mukherjee**  
has completed the following courses on our platform:



SQL Server tutorial for beginners by kudvenkat

36 hours 52 minutes - From 06/05/2023 to 13/05/2023

Adrian Medeiros Damas  
Executive Director - Cursa

Student Signature:  
Apratim Mukherjee

c828-1360141

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 26.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity.



Certificate ID: UC-42204-5964-4934-4749-8447056836  
Certificate URL: [www.udemy.com/certificate/UC-42204-5964-4934-4749-8447056836](https://www.udemy.com/certificate/UC-42204-5964-4934-4749-8447056836)  
Release Number: 0004

CERTIFICATE OF COMPLETION

# **iOS, Swift & SwiftUI - Complete iOS App Development**

Instructor: **ROLAN MARAT**

**Chinmoy Chakraborty**

Date: **May 28, 2024**

Length: **21 total hours**





Certificate ID: UC-47D10E7-0018-4286-9425-0547834-00004  
Certificate URL: <https://www.udacity.com/certificate/UC-47D10E7-0018-4286-9425-0547834-00004>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Spring Framework for Java Developers: Practical Guide

Instructors: **Andrii Platakha**

## Chinmoy Chakraborty

Date: **May 29, 2024**

Length: **20.5 total hours**



Certificate ID: UC-a25b7c4-e275-4953-a430-55428a2d975b  
Certificate URL: <https://www.udacity.com/certificate/UC-a25b7c4-e275-4953-a430-55428a2d975b>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software Architecture and Clean Code Design in OOP

Instructors: **Andrii Piatakha**, Learn IT University

**Chinmoy Chakraborty**

Date: **May 28, 2024**

Length: **35 total hours**



Certificate ID: UC-4211796-4210-4932-8444-6096258425  
Certificate on udemy: UC-4211796-4210-4932-8444-6096258425  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Project Development Using JAVA for Beginners - 2024

Instructors: Hemant kumar

## Chinmoy Chakraborty

Date: May 29, 2024

Length: 45.5 total hours



Certificate ID: UC-0182254-4000-4000-0700-000000000000  
Certificate URL: <https://www.udemy.com/certificate/UC-0182254-4000-4000-0700-000000000000>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Facebook Ads & Ecommerce Easy Course 2023 Hindi

Instructor: Yasir Ahmed, MBA

**Chinmoy Chakraborty**

Date: May 29, 2024

Length: 16 total hours



Certificate No. UC-4475525-146-4342-9123-7279617193  
Certificate of completion for UC-4475525-146-4342-9123-7279617193  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting: A Comprehensive Guide with E-book

Instructor: **Robert (Bob) Steele**

## Chinmoy Chakraborty

Date: May 29, 2024

Length: 119 total hours





Certificate no. UC-94307331-452-4524-14320970249  
Certificate url: <https://www.udacity.com/certificate/UC-94307331-452-4524-14320970249>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Affiliate Marketing For Beginners - Simple Steps to Success

Instructors: **Claran Doyle**

## Chinmoy Chakraborty

Date: **May 29, 2024**

Length: **15.5 total hours**



Certificate ID: UC-S407913-9339-4274-af0f-4388b6787c14  
Certificate of Udemy UC-S407913-9339-4274-af0f-4388b6787c14  
Revision Number: 0004

CERTIFICATE OF COMPLETION

# **(Oxford) Diploma: Stress Management PLUS Case Studies**

Instructors: **Chris Sivewright, Almost Random Theatre**

## **Chinmoy Chakraborty**

Date: **May 29, 2024**

Length: **0 total hours**



Certificate no: UC-728678f2-c7f6-460c-8a64-1aa2f677a3d4

Certificate url: [ude.my/UC-728678f2-c7f6-460c-8a64-1aa2f677a3d4](https://ude.my/UC-728678f2-c7f6-460c-8a64-1aa2f677a3d4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

## Rudra Sharma

Date **May 16, 2023**

Length **16.5 total hours**



Certificate no: UC-c0eb4513-e075-443f-b44f-66ec203ddfdc

Certificate url: [ude.my/UC-c0eb4513-e075-443f-b44f-66ec203ddfdc](https://ude.my/UC-c0eb4513-e075-443f-b44f-66ec203ddfdc)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript And PHP And Python Programming Complete Course

Instructors **PROPER DOT INSTITUTE**

## Rudra Sharma

Date **May 16, 2023**

Length **8 total hours**



Certificate no: UC-a15acea5-6c47-49ba-b357-99ae6b61fe40

Certificate url: [ude.my/UC-a15acea5-6c47-49ba-b357-99ae6b61fe40](https://ude.my/UC-a15acea5-6c47-49ba-b357-99ae6b61fe40)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Level 1 - Japanese Candlesticks Trading Mastery Program

Instructors **Rohit Musale, CFA, Rashmi Musale**

## Rudra Sharma

Date **May 16, 2023**

Length **13 total hours**





Certificate no: UC-9a3aa909-979c-4305-a680-136da91efae2

Certificate url: [ude.my/UC-9a3aa909-979c-4305-a680-136da91efae2](https://ude.my/UC-9a3aa909-979c-4305-a680-136da91efae2)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Employee CyberSecurity Awareness First Line of Defense

Instructors **CyberProStudy Ltd.**

**Rudra Sharma**

Date **May 10, 2024**

Length **8 total hours**



Certificate no: UC-6a02b50a-5c03-4aa3-923b-e6e8ca05f377

Certificate url: [ude.my/UC-6a02b50a-5c03-4aa3-923b-e6e8ca05f377](https://ude.my/UC-6a02b50a-5c03-4aa3-923b-e6e8ca05f377)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Advanced MS Word Excel PowerPoint Course for Job Success

Instructors **Marcus Menti, Zechariah Tech**

**Rudra Sharma**

Date **May 10, 2024**

Length **10 total hours**



Certificate no: UC-e34f839c-f10e-4397-a7a5-11cc2ca3b559

Certificate url: [ude.my/UC-e34f839c-f10e-4397-a7a5-11cc2ca3b559](https://ude.my/UC-e34f839c-f10e-4397-a7a5-11cc2ca3b559)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# JavaScript 20 Projects In 20 Days HTML, CSS & JavaScript

Instructors **Vijay Kumar**

**Rudra Sharma**

Date **May 10, 2024**

Length **8.5 total hours**





Certificate no: UC-9bd22806-0723-4e1b-bef0-72e8a3510cb4

Certificate url: [udemy.com/certificate/UC-9bd22806-0723-4e1b-bef0-72e8a3510cb4](https://udemy.com/certificate/UC-9bd22806-0723-4e1b-bef0-72e8a3510cb4)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android App's Development Masterclass - Build 2 Apps - Java

Instructors **Vijay Kumar**

**Rudra Sharma**

Date **May 10, 2024**

Length **8 total hours**



Certificate no: UC-738db377-7edb-46a2-a28e-66bdf486c449

Certificate url: [ude.my/UC-738db377-7edb-46a2-a28e-66bdf486c449](https://udemy.com/UC-738db377-7edb-46a2-a28e-66bdf486c449)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**ATANU GHOSH**

Date **March 16, 2023**

Length **34 total hours**





Certificate no: UC-bb643e6b-1252-4844-9fee-3e66989ee1af  
Certificate url: [ude.my/UC-bb643e6b-1252-4844-9fee-3e66989ee1af](https://ude.my/UC-bb643e6b-1252-4844-9fee-3e66989ee1af)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors **Robert (Bob) Steele**

**ATANU GHOSH**

Date **March 16, 2023**

Length **22 total hours**



Certificate no: UC-5713f567-03bc-4f42-8f46-28121b149de5

Certificate url: [ude.my/UC-5713f567-03bc-4f42-8f46-28121b149de5](https://udemy.com/certificate/UC-5713f567-03bc-4f42-8f46-28121b149de5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **ATANU GHOSH**

Date **April 13, 2023**

Length **11 total hours**



Certificate no: UC-19195d97-bb65-4260-927b-30a158bd797c  
Certificate url: [ude.my/UC-19195d97-bb65-4260-927b-30a158bd797c](https://ude.my/UC-19195d97-bb65-4260-927b-30a158bd797c)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Amazon FBA learning With Dragons ECommerce

Instructors **Ali Haider**

## Atanu Ghosh

Date **May 18, 2023**

Length **8 total hours**



4 Courses

Machine Learning  
Specialization of Coursera  
Specialization

Machine Learning  
Regression

Machine Learning  
Classification

Machine Learning  
Deep Learning & Neural



May 21, 2022

**Sebastian Dey**

Stanford University Computer Science, Stanford University

## Machine Learning

Empower your data science expertise that you have developed previously in the exciting, high-demand field of Machine Learning through rigorous, self-paced, self-paced Machine Learning instruction at the University of Washington through a series of courses that make you gain the most expertise in major areas of Machine Learning including Prediction Classification Clustering with Machine Learning. You'll learn to design algorithms with machine learning systems that allow you to improve your skills, and build intelligent applications that can make a real difference in the world. This course is your opportunity to learn and advance in the data science learning community.

Machine Learning Specialization of Coursera Specialization  
Machine Learning Regression  
Machine Learning Classification  
Machine Learning Deep Learning & Neural

July 2022

July 2022

July 2022

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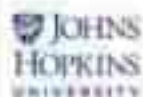
July 2022

July 2022



5 Courses

Machine Learning  
Deep Learning  
Practical Deep Learning  
Developing Deep Networks  
Deep Generative Models



May 21, 2015

**Sebastian Dey**

A Coursera faculty member for online, non-profit education

## Data Science: Statistics and Machine Learning

The Data Science specialization covers the core topics in statistics, in all of its applications, and machine learning. Successful students learn how to use statistics of the many data analysis and machine learning systems. Examples: large data sets, online statistical analysis, search recommendations, build and evaluate machine learning algorithms, perform regression analysis, and develop data products. This certificate program can be applied towards a degree or other status at Johns Hopkins University.

Johns Hopkins University

Professor, PhD, MEd  
Johns Hopkins University  
Department of  
Biostatistics  
Johns Hopkins  
Bloomberg School of  
Public Health

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© 2015 The University of  
Johns Hopkins  
11101 Johns Hopkins Drive  
Baltimore, MD 21205





Certificate no: UC-7ded376f-5904-4d04-a4eb-fa751cf2a604

Certificate url: [ude.my/UC-7ded376f-5904-4d04-a4eb-fa751cf2a604](https://www.udemy.com/certificate/UC-7ded376f-5904-4d04-a4eb-fa751cf2a604/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Facebook Traffic Ads (Facebook CPC) Course 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

## Md Mijanur Rahaman

Date **14 Jun 2022**

Length **7.5 total hours**



Certificate no: UC-8363bf35-5227-444f-bcba-c327349339f5

Certificate url: [ude.my/UC-8363bf35-5227-444f-bcba-c327349339f5](https://ude.my/UC-8363bf35-5227-444f-bcba-c327349339f5)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Statement Analysis – Ratio Analysis

Instructors **Robert (Bob) Steele**

## Md Mijanur Rahaman

Date **17 Feb 2023**

Length **24.5 total hours**



Certificate no: UC-dce196f0-3dcb-452c-a4a8-a1441e8f51ea

Certificate url: [ude.my/UC-dce196f0-3dcb-452c-a4a8-a1441e8f51ea](https://ude.my/UC-dce196f0-3dcb-452c-a4a8-a1441e8f51ea)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Master Budgets – Managerial Accounting/Cost Accounting

Instructors **Robert (Bob) Steele**

**Md Mijanur Rahaman**

Date **22 Feb 2023**

Length **24.5 total hours**





Certificate no: UC-fa59bf7c-2399-4bca-8743-00921bba0674

Certificate url: [ude.my/UC-fa59bf7c-2399-4bca-8743-00921bba0674](https://ude.my/UC-fa59bf7c-2399-4bca-8743-00921bba0674)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Cost Volume Profit Analysis (CVP) – Managerial Accounting

Instructors **Robert (Bob) Steele**

## Md Mijanur Rahaman

Date **22 Feb 2023**

Length **22 total hours**

# UCI University of California, Irvine

Mar 30, 2023

Md Mijanur Rahaman

has successfully completed

Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Dr. Harris  
Professor  
Department of Computer Science

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/TE9VBRBOY61D>

Coursera has confirmed the identity of this individual and their participation in the course.





Certificate no: UC-2f05f3de-d409-4b89-8ccf-ccc462a7de5d

Certificate url: [ude.my/UC-2f05f3de-d409-4b89-8ccf-ccc462a7de5d](https://ude.my/UC-2f05f3de-d409-4b89-8ccf-ccc462a7de5d)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Time Value of Money & Capital Budgeting - Present Value

Instructors **Robert (Bob) Steele**

## Md Mijanur Rahaman

Date **16 Feb 2023**

Length **11 total hours**



Certificate no: UC-85a983ec-b160-40f8-a9cc-9c6fb4704fa3

Certificate url: [ude.my/UC-85a983ec-b160-40f8-a9cc-9c6fb4704fa3](https://ude.my/UC-85a983ec-b160-40f8-a9cc-9c6fb4704fa3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Complete Digital Advertising Course + ChatGPT Guide 2024

Instructors **Ing. Tomas Moravek, Learn Digital Advertising**

**Md Mijanur Rahaman**

Date **16 May 2024**

Length **35.5 total hours**



Certificate no: UC-237534c3-1de9-4196-8ead-83f19fbc3f29

Certificate url: [ude.my/UC-237534c3-1de9-4196-8ead-83f19fbc3f29](https://ude.my/UC-237534c3-1de9-4196-8ead-83f19fbc3f29)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Sell More: Facebook Ads & Instagram Ads for E-Commerce 2022

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy**

## Md Mijanur Rahaman

Date **13 Jun 2022**

Length **12.5 total hours**





May 26, 2017

Souvik Paul

has successfully completed

Programming for Everybody (Getting Started with Python)

an online course credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Chad', followed by a horizontal line.

Chad A. Bracken  
Clinical Professor, School of Information  
Technology, University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UMICH001712>

Coursera has confirmed the identity of the individual and their participation in this course



**4TU.** Center for Ethics  
and Technology

May 24, 2022

**Souvik Paul**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
2022 has been offered through Coursera

Jeroen van Boven  
Executive Director  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/certificate/82407599402>

Coursera has confirmed the identity of the individual and their  
participation in the course





May 8, 2009

Prince Kumar Prasad

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Perrottin, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Management, and Policy

Verify at:

<https://coursera.org/verify/MR8FT0-6E96H>

Coursera has certified the identity of this individual and their  
participation in the course.



DARDEN SCHOOL  
of BUSINESS

Apr 2, 2023

Prince Kumar Prasad

has successfully completed

Ethical Leadership Through Giving Voice to Values

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Director/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3XZa9TRa3EG6>

Coursera has verified the identity of this individual and their participation in the course.



**Georgia Institute**  
**of Technology**

Apr 27, 2023

**Prince Kumar Prasad**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

A handwritten signature in black ink, appearing to read "Gerry Linders".

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/NEH1880ESV08X>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

April, 2023

Prince Kumar Prasad

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Lemmon  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/HRV5CTWVCKE>

Coursera has confirmed the identity of this individual and their participation in the course.





CERTIFICATE OF COMPLETION

# Modern PHP Web Development w/ MySQL, GitHub & Heroku

Instructors: Trevor Williams, Learn IT University, Andrii Platakha

**Bhusan Ghosh**

Date: **May 30, 2023**

Length: **12.5 total hours**



Certificate no. UC-7736645-705-476-6687-2637266666  
Certificate on udemy UC-7736645-705-476-6687-2637266666  
Release Number: 0004

CERTIFICATE OF COMPLETION

# Adobe Premiere Pro 2022 Ultimate Guide

Instructors: Learn Tech Plus

**Bhusan Ghosh**

Date: June 6, 2022

Length: 13.5 total hours



Certificate no. UC-1000-940-1776-6229-8726-66488820279  
Certificate url: <https://www.udacity.com/certificate/UC-1000-940-1776-6229-8726-66488820279>  
Authenticity Number: 2024

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course For Beginners

Instructors: **Horizon Tech**

**Bhusan Ghosh**

Date: **May 18, 2023**

Length: **12.5 total hours**



Certificate No. UC-B220070-2022-4784-9884-0442007420  
Certificate of completion UC-B220070-2022-4784-9884-0442007420  
Reference Number: 2022

CERTIFICATE OF COMPLETION

# Local SEO 2022 Made Simple & Fun + Google Maps & TripAdvisor

Instructors: Ing. Tomasz Morewski | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson

**Bhusan Ghosh**

Date: May 30, 2022

Length: 8.5 total hours



CERTIFICATE OF COMPLETION

# The Complete List Building Course: All Levels

Instructors: **Sanjay Kias, Rob Montgomery**

**Bhusan Ghosh**

Date: **June 4, 2022**

Length: **0.5 total hours**





Certificate no. UC-02959289-6475-4713-8564-46328020263  
Certificate url: udemy.com/UC-02959289-6475-4713-8564-46328020263  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Aerospace Masterclass: Transonic Aerodynamics

Instructors: **Martin Yanew, Plamen Yanew**

**Bhusan Ghosh**

Date: **May 29, 2022**

Length: **8 total hours**



CERTIFICATE OF COMPLETION

# Local SEO & Facebook Ads As Project & Fun: 10 Days Challenge

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Back Robertson**

## Bhusan Ghosh

Date **June 1, 2022**

Length **12 total hours**



CERTIFICATE OF COMPLETION

# **Pentaho for ETL & Data Integration Masterclass 2022 - PDI 9**

Instructors: **Start-Tech Academy**

## **Bhusan Ghosh**

Date: **Aug. 21, 2022**

Length: **9.5 total hours**



Certificate No. UC-8880288-7649-4954-4948882424  
Certificate URL: <https://www.udacity.com/certificate/UC-8880288-7649-4954-4948882424>  
Expires on 08/22/2024

CERTIFICATE OF COMPLETION

# Nutrition Life Coach Ultimate Certification Course

Instructor: **BS Academy**

**Bhusan Ghosh**

Date: **Aug. 22, 2022**

Length: **11 total hours**

---



Certificate no. UC-86284643-8464-4017-8117-84643643  
Certificate url: udemy/UC-86284643-8464-4017-8117-84643643  
Reference Number: 1000

CERTIFICATE OF COMPLETION

# Tally Prime Erp +GST 2022 : Certificate Course

Instructors: **K.R. Gupta & R. Gupta**

**Bhusan Ghosh**

Date: **Sept. 2, 2022**

Length: **8.5 total hours**





Certificate no. UC-7d77854-496-4756-3494-64626614952  
Certificate url: <https://www.udacity.com/certificate/UC-7d77854-496-4756-3494-64626614952>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# **Figma Mega Course - Design 6 Complete Web App UI/UX Project**

Instructors: Yazdani Chowdhury

**Bhusan Ghosh**

Date: Nov. 3, 2022

Length: 16.5 total hours





CERTIFICATE OF COMPLETION

# IFIC Investment Funds in Canada Exam Preparation

Instructors: **Azzad Adem Ahmed**

**Bhusan Ghosh**

Date: Nov. 17, 2022

Length: 8.5 total hours



CERTIFICATE OF COMPLETION

# Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors: **Cyber Dalnce**

**Bhusan Ghosh**

Date: **Nov. 3, 2022**

Length: **12 total hours**



CERTIFICATE OF COMPLETION

# Practical Guide to setup Hadoop and Spark Cluster using CDH

Instructors: [Durga Viewanatha Raju Garraju](#)

**Bhusan Ghosh**

Date: Dec. 11, 2023

Length: 21 total hours





Certificate no: UC-8c8ba040-e390-4ea6-b7fd-e6394c0c18c7

Certificate url: [ude.my/UC-8c8ba040-e390-4ea6-b7fd-e6394c0c18c7](https://ude.my/UC-8c8ba040-e390-4ea6-b7fd-e6394c0c18c7)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Anindya Mondal**

Date **May 11, 2024**

Length **22 total hours**



Certificate no: UC-1d481069-8e89-4da9-9a18-aa6365eacbb1

Certificate url: [ude.my/UC-1d481069-8e89-4da9-9a18-aa6365eacbb1](https://ude.my/UC-1d481069-8e89-4da9-9a18-aa6365eacbb1)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Ultimate Electrical Design and Fundamentals

Instructors **Danny Hiew**

## Anindya Mondal

Date **May 11, 2024**

Length **23 total hours**



Certificate no: UC-982ab812-367f-4280-bfec-1a5e719c2a20

Certificate url: [ude.my/UC-982ab812-367f-4280-bfec-1a5e719c2a20](https://ude.my/UC-982ab812-367f-4280-bfec-1a5e719c2a20)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

## **Anindya Mondal**

Date **May 16, 2023**

Length **16.5 total hours**





Certificate no: UC-92f42546-ed18-4d97-94c5-d83ac4f21f52

Certificate url: [ude.my/UC-92f42546-ed18-4d97-94c5-d83ac4f21f52](https://ude.my/UC-92f42546-ed18-4d97-94c5-d83ac4f21f52)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C- content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

## **Anindya Mondal**

Date **May 15, 2023**

Length **11 total hours**



Certificate no: UC-bd55b9eb-4612-4ba6-8a41-cab66d312405

Certificate url: [ude.my/UC-bd55b9eb-4612-4ba6-8a41-cab66d312405](https://ude.my/UC-bd55b9eb-4612-4ba6-8a41-cab66d312405)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# C++ Code Like you are in MATRIX | Mastering C++ in 12 Hours

Instructors **OCSALY Academy** | 200.000+ Students

## Anindya Mondal

Date **May 16, 2023**

Length **12 total hours**





Certificate no: UC-c342e0f6-72f0-4005-af0c-b5d53fd8c54b

Certificate url: [ude.my/UC-c342e0f6-72f0-4005-af0c-b5d53fd8c54b](https://ude.my/UC-c342e0f6-72f0-4005-af0c-b5d53fd8c54b)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Mastering x86-64 Real Assembly Language from Zero | 2024ASM+

Instructors **OCSALY Academy** | 340.000+ Students - Ethical Hacking

## Suraj Shaw

Date **May 14, 2024**

Length **20.5 total hours**



Certificate no: UC-6f9e6668-5e82-4d1d-bded-f223d1346205

Certificate url: [ude.my/UC-6f9e6668-5e82-4d1d-bded-f223d1346205](https://ude.my/UC-6f9e6668-5e82-4d1d-bded-f223d1346205)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Kubernetes with HELM: Kubernetes for Absolute Beginners 2024

Instructors **Anshul A Chauhan Jenkins | DevOps | Kubernetes | Terraform | Ansible**

**Suraj Shaw**

Date **May 14, 2024**

Length **16 total hours**



Certificate no: UC-7af0682b-cb79-4c6b-879a-161bdb4c5e18

Certificate url: [ude.my/UC-7af0682b-cb79-4c6b-879a-161bdb4c5e18](https://udemy.com/certificate/UC-7af0682b-cb79-4c6b-879a-161bdb4c5e18)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Financial Accounting- Inventory & Merchandising Transactions

Instructors **Robert (Bob) Steele**

**Suraj Shaw**

Date **May 14, 2024**

Length **22 total hours**





Certificate no: UC-f96fa93d-15b1-4e98-a326-f0fda888e147

Certificate url: [uda.my/UC-f96fa93d-15b1-4e98-a326-f0fda888e147](https://www.udacity.com/certificate/UC-f96fa93d-15b1-4e98-a326-f0fda888e147)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Build a User Web App from Scratch with Vanilla PHP 8+

Instructors **Pierre-Henry Soria**

**Suraj Shaw**

Date **May 13, 2024**

Length **18.5 total hours**

Jan 15, 2022

**Bipeen kumar roy**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Cadelci, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering

Michael Pappas, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Telecommunications, and Policy

Verify at:

<https://coursera.org/verify/MW8HW9V9WNG>

Coursera has certified the identity of this individual and their  
participation in the course.



# Yale

Jan 15, 2022

**Bipeen kumar roy**

has successfully completed

**The Science of Well-Being**

an online non-credit course authorized by Yale University and offered through Coursera



Lewis Jamnik  
Professor  
Psychology

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/1086V693M7D>

Coursera has certified the identity of this individual and their participation in the course.

# UCI Division of Continuing Education

1/10/22

**Bipeen kumar roy**

has successfully completed

**Effective Problem-Solving and Decision-Making**

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Rick Stone, PAEP, M.Ed.  
Superintendent  
University of California, Irvine Extension

COURSE  
CERTIFICATE



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<https://coursera.org/verify/73f845042W62>

Coursera has certified the identity of this individual and their participation in the course.



AMERICAN MUSEUM  
OF NATURAL HISTORY



Jan 16, 2022

**Bipeen kumar roy**

has successfully completed

**Ecology: Ecosystem Dynamics and Conservation**

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera

Anna Lee Pinescinski  
Director, Center for Biodiversity and Conservation  
American Museum of Natural History

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/C3D4A07UGFDD>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: UC-2160350a-612d-4bce-8366-fa5378f73df1  
Certificate url: [ude.my/UC-2160350a-612d-4bce-8366-fa5378f73df1](https://udemy.com/certificate/UC-2160350a-612d-4bce-8366-fa5378f73df1)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Web Development Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Bipeen kumar roy**

Date **May 11, 2023**

Length **11 total hours**



Certificate no: UC-3fa189b3-7313-4f38-ac40-76848f198617

Certificate url: [ude.my/UC-3fa189b3-7313-4f38-ac40-76848f198617](https://www.udemy.com/certificate/UC-3fa189b3-7313-4f38-ac40-76848f198617/)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AWS Services for Solutions Architect Associate [2023]**

Instructors **EdYoda Digital University, Ashish Pandey**

**Bipeen kumar roy**

Date **May 11, 2023**

Length **11 total hours**





Certificate no: UC-0b72e4a4-3dfd-4298-b309-60b640de8bec  
Certificate url: [uda.my/UC-0b72e4a4-3dfd-4298-b309-60b640de8bec](https://uda.my/UC-0b72e4a4-3dfd-4298-b309-60b640de8bec)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python 3 Ultimate Guide

Instructors **Josh Werner, Learn Tecc**

**Bipeen kumar roy**

Date **May 11, 2023**

Length **13 total hours**



Certificate no: UC-d4ffceb5-4a29-4347-824f-4335933f2194

Certificate url: [ude.my/UC-d4ffceb5-4a29-4347-824f-4335933f2194](https://udemy.com/certificate/UC-d4ffceb5-4a29-4347-824f-4335933f2194)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **XML and XSD: a complete W3C-content based course (+10 hours)**

Instructors **Daniel Pinheiro Maia**

**Bipeen kumar roy**

Date **May 11, 2023**

Length **11 total hours**



# Georgia Institute of Technology

Dec 7, 2022

Anushka Roy

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/ETRRHQAX2M7G](https://coursera.org/verify/ETRRHQAX2M7G)

Coursera has certified the identity of this individual and their  
participation in the course.



05-Mar-2022

**Anushka Roy**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhanshan*

Rajivpal Rajhanshan, PhD  
McCombs School of Business  
UT Austin School of Business

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/36PBUX24CP84](https://coursera.org/verify/36PBUX24CP84)

Coursera has confirmed the identity of this individual and their participation in the course.

# Yale

21-Mar-2022

**Anushka Roy**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/JXC1PMC/276E](https://coursera.org/verify/JXC1PMC/276E)

Coursera has confirmed the identity of this individual and their participation in the course.





15-Apr-2022

**Anushka Roy**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line with four handwritten signatures in black ink above it.

Scott H. Rieggan, Devin J. Zentgraf, Andrew D. Wilson, Robert Duvall

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DX012c88H7GE>

Coursera has verified the identity of this individual and their participation in the course.

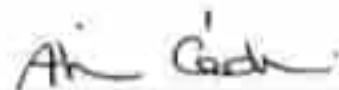
21-May-2022

**Anushka Roy**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Pathology

Verify at:

<https://coursera.org/verify/CV7D5CR48ET>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

This is to certify that **ANUSHKA ROY** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay



11 Jun 2022

**Anushka Roy**

has successfully completed

**Responsive Website Basics: Code with HTML, CSS,  
and JavaScript**

an online non-credit course authorized by University of London and Goldsmiths,  
University of London and offered through Coursera

Dr Martin Lee, The King, Dr Martin Gillies, Dr Kate Devlin,  
Computing Department  
Goldsmiths, University of London

**COURSE  
CERTIFICATE**



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<https://coursera.org/verify/T4X2LPH8TGLH>

Coursera has verified the identity of this individual and their  
participation in the course.



# COURSE CERTIFICATE

07-Mar-2023

## Anushka Roy

has successfully completed

### A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through Coursera



Jeffrey Leach, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree, establish any relationship between this learner and JHU or other JHU affiliate, award or register this learner at JHU or other JHU affiliate or in any course offered by JHU, or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

Verify at:  
[coursera.org/verify/3NE2x79E888a](https://coursera.org/verify/3NE2x79E888a)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a JHU grade, course credit or degree, establish a relationship between this learner and JHU (word) or register this learner at JHU or in any course offered by JHU, or entitle this learner to access or use resources beyond the online courses provided by Coursera.





07-Mar-2023

**Anushka Roy**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM Skills Network and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Anushka Roy  
Data Science

Verify at:  
<https://coursera.org/verify/DELFZHS8HGE>

Coursera has confirmed the identity of this individual and their participation in the course.

# Stanford | ONLINE

COURSE  
CERTIFICATE

08-Mar-2023

Anushka Roy

has successfully completed

Divide and Conquer, Sorting and Searching, and  
Randomized Algorithms

an online non-credit course authorized by Stanford University and offered through  
Coursera.



Tim Roughgarden  
Adjunct Professor of Computer Science  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THE PARTICIPANT WOULD ENROLL AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

Verify at:  
<https://coursera.org/verify/DEANAT3MKE>

Coursera has verified the identity of this individual and their participation in the course.

# UC San Diego

07-Mar-2023

Anushka Roy

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera.



Jay Adron  
Chief Data Science Officer  
San Diego Supercomputer Center

Anushka Gupta  
Research Scientist  
San Diego Supercomputer Center

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UCSDNBC5XVMS>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e  
Certificate url: [ude.my/UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e](https://ude.my/UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

**Anushka Roy**

Date **May 7, 2024**

Length **35 total hours**



# Shouvik Dutta Banik

**Certificate of Completion for**

**AWS Academy Graduate - AWS Academy Cloud Foundations**

**Course hours completed**

**20 hours**

**Issued on**

**01/23/2023**

**Digital badge**

**<https://www.credly.com/go/86r1VGqD>**



# Shouvik Dutta Banik

## **Certificate of Completion for**

**AWS Academy Graduate - AWS Academy Machine Learning Foundations**

## **Course hours completed**

**20 hours**

## **Issued on**

**02/14/2023**

## **Digital badge**

**<https://www.credly.com/go/C6XcvNWo>**



Certificate no: UC-202ebd1d-c653-47d6-891f-7624238a8908  
Certificate url: [ude.my/UC-202ebd1d-c653-47d6-891f-7624238a8908](https://ude.my/UC-202ebd1d-c653-47d6-891f-7624238a8908)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Android Apps Development in Hindi and Build 10 Applications

Instructors **Vijay Kumar**

**Tamal Kanti Ghosh**

Date **May 14, 2024**

Length **40 total hours**



# Georgia Institute of Technology

Dec 7, 2022

Anushka Roy

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at: [coursera.org/verify/ETRRHQAX2M7G](https://coursera.org/verify/ETRRHQAX2M7G)

Coursera has certified the identity of this individual and their participation in the course.



05-Mar-2022

**Anushka Roy**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCombs School of Business  
UT Austin School of Business

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/36P8UX24CP84](https://coursera.org/verify/36P8UX24CP84)

Coursera has confirmed the identity of this individual and their participation in the course.

# Yale

21-Mar-2022

## Anushka Roy

has successfully completed

### Moralities of Everyday Life

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

COURSE  
CERTIFICATE



Verify at:

[coursera.org/verify/DFC1PMC1276E](https://coursera.org/verify/DFC1PMC1276E)

Coursera has confirmed the identity of this individual and their participation in the course.





15-Apr-2022

**Anushka Roy**

has successfully completed

**Java Programming: Solving Problems with  
Software**

an online non-credit course authorized by Duke University and offered through Coursera

A horizontal line with four handwritten signatures in black ink above it.

Scott H. Riefman, Devin J. Srinivasan, Andrew D. Wilson, Robert Duvall

**COURSE  
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Verify at:

<https://coursera.org/verify/DX012c88H7GE>

Coursera has verified the identity of this individual and their participation in the course.

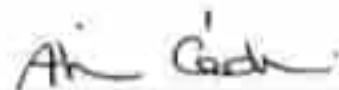
21-May-2022

**Anushka Roy**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through  
Coursera



Alan Lidqvist, PhD  
Professor

Computer Engineering, Computer Science, and  
Electrical Engineering



Michael Fitzpatrick, PhD  
Professor Emeritus

Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Pathology

Verify at:

<https://coursera.org/verify/CV7D5CR48ET>

Coursera has confirmed the identity of this individual and their  
participation in the course.



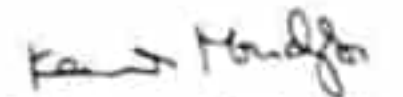
Spoken Tutorial  
Project at  
IIT Bombay

## Certificate for Completion of Introduction to Computers Training

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**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Kannan M Moudgal  
IIT Bombay



11 Jun 2022

**Anushka Roy**

has successfully completed

**Responsive Website Basics: Code with HTML, CSS,  
and JavaScript**

an online non-credit course authorized by University of London and Goldsmiths,  
University of London and offered through Coursera

Dr Martin Lee, The King, Dr Martin Gillies, Dr Kate Devlin,  
Computing Department  
Goldsmiths, University of London

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/T4X2LPH8TGLH>

Coursera has verified the identity of this individual and their  
participation in the course.



# COURSE CERTIFICATE

07-Mar-2023

## Anushka Roy

has successfully completed

### A Crash Course in Data Science

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera



Jeffrey Leach, PhD, Brian Caffo, PhD, MS, Roger D. Peng, PhD

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that the learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree, establish any relationship between the learner and JHU or other JHU affiliate, award or require this learner at JHU or other JHU affiliate or in any course offered by JHU, or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

Verify at:  
[coursera.org/verify/3NE2x79E888a](https://coursera.org/verify/3NE2x79E888a)

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a JHU grade, course credit or degree, establish a relationship between the learner and JHU (word) or sign of this learner at JHU or in any course offered by JHU, or entitle this learner to access or use resources beyond the online courses provided by Coursera.





07-Mar-2023

**Anushka Roy**

has successfully completed

**What is Data Science?**

an online non-credit course authorized by IBM Skills Network and offered through Coursera

**COURSE  
CERTIFICATE**



Raj Arora  
Global Program Director  
Skills Network

Anushka Roy  
Data Science

Verify at:  
<https://coursera.org/verify/DELFZHS8HGE>

Coursera has confirmed the identity of this individual and their participation in the course.

# Stanford | ONLINE

COURSE  
CERTIFICATE

08-Mar-2023

Anushka Roy

has successfully completed

Divide and Conquer, Sorting and Searching, and  
Randomized Algorithms

an online non-credit course authorized by Stanford University and offered through  
Coursera.



Tim Roughgarden  
Adjunct Professor of Computer Science  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THE PARTICIPANT WOULD ENROLL AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

Verify at:  
<https://coursera.org/verify/DEANAT3MKE>

Coursera has verified the identity of this individual and their participation in the course.

# UC San Diego

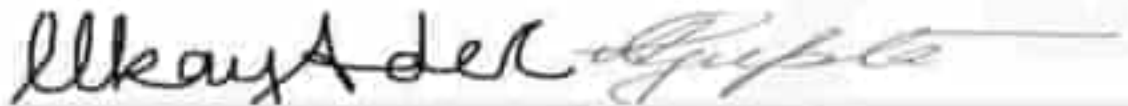
07-Mar-2023

Anushka Roy

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera.



Jay Adron  
Chief Data Science Officer  
San Diego Supercomputer Center

Anushka Roy  
Research Scientist  
San Diego Supercomputer Center

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/UCSDNBC5XVMS>

Coursera has certified the identity of this individual and their participation in the course.



Certificate no: UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e  
Certificate url: [ude.my/UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e](https://ude.my/UC-4d8588c4-deb3-4444-a9c0-04a7d0e7517e)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors **Dekker Fraser, MBA, Jyra Galosmo**

## Anushka Roy

Date **May 7, 2024**

Length **35 total hours**



Certificate ID: UC-5L775aw-v495-Aud-951a-206a5054039  
Certificate URL: <https://www.udacity.com/certificate/UC-5L775aw-v495-Aud-951a-206a5054039>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete Spanish Course: Learn Spanish for Beginners

Instructors: **Linguae Learning, Linguae Teaching Assistant**

## Ankush Mandal

Date: **May 31, 2022**

Length: **45 total hours**





Certificate no: UC-Raw17923-3492-4222-5aw-4uGaw17923  
Certificate url: [www.udacity.com/certificate/UC-Raw17923-3492-4222-5aw-4uGaw17923](https://www.udacity.com/certificate/UC-Raw17923-3492-4222-5aw-4uGaw17923)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Javascript Practicals Crash Course

Instructors: **PROPER DOT INSTITUTE**

## Ankush Mandal

Date: **May 31, 2022**

Length: **38 total mins**



DARDEN SCHOOL  
of BUSINESS

Jan 16, 2022

**ANKUSH MANDAL**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UMF6CWME097>

Coursera has certified the identity of this individual and their  
participation in the course.



# Georgia Institute of Technology

May 16, 2021

**ANKUSH MANDAL**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/KSFT19Q8XD795>

Coursera has verified the identity of this individual and their  
participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 31, 2022

**ANKUSH MANDAL**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/NL035787WGRU>

Coursera has certified the identity of this individual and their participation in the course.



# Georgia Institute of Technology

May 16, 2021

**ANKUSH MANDAL**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/KSFT19Q8XD795>

Coursera has verified the identity of this individual and their participation in the course.



# **M** UNIVERSITY OF MICHIGAN

May 31, 2022

**ANKUSH MANDAL**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/NL035787WGRU>

Coursera has certified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Jan 16, 2022

**ANKUSH MANDAL**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/UMFs/CWME097>

Coursera has certified the identity of this individual and their  
participation in the course.



Certificate no: UC-6db3be17-eecf-4023-b439-96c06ecdec99  
Certificate url: [ude.my/UC-6db3be17-eecf-4023-b439-96c06ecdec99](https://udemy.com/UC-6db3be17-eecf-4023-b439-96c06ecdec99)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Automate the Boring Stuff with Python Programming

Instructors **Al Sweigart**

**ANKUSH MANDAL**

Date **11 May 2023**

Length **9.5 total hours**



Certificate no: UC-3f72677f-3d2d-480d-aeaf-6f1f6aa1f74f  
Certificate url: [ude.my/UC-3f72677f-3d2d-480d-aeaf-6f1f6aa1f74f](https://ude.my/UC-3f72677f-3d2d-480d-aeaf-6f1f6aa1f74f)  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

## Ankush Mandal

Date **May 13, 2023**

Length **34 total hours**



Certificate ID: UC-C39Qm33-c0m-4783-ud77-4e8f6162644  
Certificate URL: udemy/UC-C39Qm33-c0m-4783-ud77-4e8f6162644  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Java And C++ And PHP Complete Course 2022

Instructors: **Krish valley**

**Lona Das**

Date: **Feb. 22, 2023**

Length: **8.5 total hours**





Certificate ID: UC-07852995-0a09-473a-ae93-c590729a473a  
Certificate URL: <https://www.udemy.com/certificate/UC-07852995-0a09-473a-ae93-c590729a473a>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Desarrollando Sistema MiniMarket (C# y Microsoft SQL Server)

Instructors: **Victor Ramos**

**Lona Das**

Date: **Feb. 22, 2023**

Length: **41.5 total hours**



Certificate no: UC-42e26080-d403-4eb8-871f-141e66e01d43

Certificate url: [ude.my/UC-42e26080-d403-4eb8-871f-141e66e01d43](https://ude.my/UC-42e26080-d403-4eb8-871f-141e66e01d43)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

**Lona Das**

Date **May 3, 2023**

Length **16.5 total hours**





Certificate of Completion  
Certificate ID: ud-coc-042023-4164-0001-2118-000000  
Issuance Month: 2024

CERTIFICATE OF COMPLETION

# Grokking Dynamic Programming: A Deep Dive Using Java

Instructors: Md. A. Barik

**Kushal Manna**

Date: May 21, 2023

Length: 11.5 total hours







Certificate ID: UC9876543210-1234-5678-9012-345678901234  
Certificate URL: [https://www.udemy.com/certificate/UC9876543210-1234-5678-9012-345678901234](#)  
Issuance Month: 2024

CERTIFICATE OF COMPLETION

# Master English Phrasal Verbs

Instructors: **Dave Skypetessors**

**Kushal Manna**

Date: **May 30, 2023**

Length: **35 total hours**



# Georgia Institute of Technology

Mar 27, 2023

**Aditya Sharma**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TAP2650J1608>

Coursera has certified the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

Apr 4, 2023

**Aditya Sharma**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

*Mary C. Gentile*

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/MARKET/ETV/241>

Coursera has certified the identity of this individual and their participation in the course.



# Virtual Internship Completion Certificate

This is to certify that

**Aditya Sharma**

**Hooghly Engineering & Technology College**

has successfully completed 10 weeks

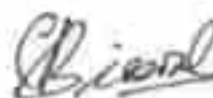
**AWS Cloud Virtual Internship**

during December 2022 - February 2023

Supported By  **aws** academy



**Shri Buddha Chandrasekhar**  
Chief Coordinating Officer (CCO)  
NEAT Cell, AICTE



**Dr. Satya Ranjan Biswal**  
Chief Technology Officer (CTO)  
EduSkills





# Georgia Institute of Technology

Apr 26, 2023

**Aditya Sharma**

has successfully completed

**Speak English Professionally: In Person, Online &  
On the Phone**

an online non-credit course authorized by Georgia Institute of Technology and offered  
through Coursera

Arnelia B. Stephens  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/TH2ZHAOM74ME>

Coursera has certified the identity of this individual and their  
participation in the course.



# UCI Division of Continuing Education

Apr 4, 2023

## Aditya Sharma

has successfully completed

### Effective Problem-Solving and Decision-Making

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Diane Syngal,  
Executive Coach

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/558EEW6H7A55>

Coursera has confirmed the identity of this individual and their participation in the course.

# UC SANTA CRUZ

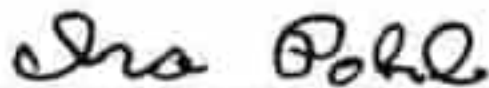
May 10, 2023

Aditya Sharma

has successfully completed

C for Everyone: Programming Fundamentals

an online non-credit course authorized by University of California, Santa Cruz and  
offered through Coursera



*Mrs. Pohle*  
Professor Dr. Pohle, PhD  
Baskin School of Engineering  
University of California, Santa Cruz

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/VLETUM6GDIKE>

Coursera has confirmed the identity of this individual and their  
participation in the course.



Apr 9, 2017

**Aditya Sharma**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajhansh*

Rajivpal Rajhansh, PhD  
McCormick School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/CN89MPT6N7DD>

Coursera has certified the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

Mar 22, 2023

**Aditya Sharma**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/DUVTW46X3PHZ>

Coursera has confirmed the identity of this individual and their participation in the course.

# **M** UNIVERSITY OF MICHIGAN

May 25, 2021

**VIDITA MISHRA**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/3HV3EONH24MPC>

Coursera has confirmed the identity of this individual and their participation in the course.





# Georgia Institute of Technology

Mar 4, 2022

**VIDITA MISHRA**

has successfully completed

**Write Professional Emails in English**

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

Gerry Linders  
Lecturer  
GT Language Institute

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/IBATCsCATY192](https://coursera.org/verify/IBATCsCATY192)

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 2, 2023

**VIDITA MISHRA**

has successfully completed

**A Life of Happiness and Fulfillment**

an online non-credit course authorized by Indian School of Business and offered through  
Coursera

*Rajivpal Rajivasthane*

Rajivpal Rajivasthane, PhD  
McClellan School of Business  
Indian School of Business

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/v1XFB9G807EE>

Coursera has confirmed the identity of this individual and their participation in the course.



DARDEN SCHOOL  
of BUSINESS

May 30, 2022

**VIDITA MISHRA**

has successfully completed

**Ethical Leadership Through Giving Voice to Values**

an online non-credit course authorized by University of Virginia and offered through  
Coursera

Mary Gentile  
Dean/Director, Giving Voice to Values  
Professor of Practice  
Darden School of Business  
University of Virginia

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/verify/CXIE3VVY015B>

Coursera has confirmed the identity of this individual and their participation in the course.

# UCI Division of Continuing Education

May 23, 2021

## VIDITA MISHRA

has successfully completed

### Effective Problem-Solving and Decision-Making

an online non-credit course authorized by University of California, Irvine and offered through Coursera.



Rick Stone, PAEP, M.Ed.  
Superintendent  
University of California, Irvine Extension

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/9HABAPU5R1W1>

Coursera has certified the identity of this individual and their participation in the course.

# Yale

May 24, 2021

**VIDITA MISHRA**

has successfully completed

**Moralities of Everyday Life**

an online non-credit course authorized by Yale University and offered through Coursera



Paul Slone  
Brooks and Suzanne Agnes Professor of Psychology  
Yale University

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/TAHE33D22TG>

Coursera has certified the identity of the individual and their participation in the course.





Certificate no: UC-6db3be17-eecf-4023-b439-96c06ecdec99

Certificate url: [ude.my/UC-6db3be17-eecf-4023-b439-96c06ecdec99](https://udemy.com/UC-6db3be17-eecf-4023-b439-96c06ecdec99)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Automate the Boring Stuff with Python Programming

Instructors **Al Sweigart**

**VIDITA MISHRA**

Date **11 May 2023**

Length **9.5 total hours**

## Palo Alto Networks Assessment-Based Certificate

VIDITA MISHRA

The Fundamentals of Cybersecurity

*Pramod Mishra*  
President & CEO  
Palo Alto Networks

VIDITA MISHRA

CERTIFICATE

## Palo Alto Networks Assessment-Based Certificate

VIDITA MISHRA

The Fundamentals of Network Security

*Pramod Mishra*  
President & CEO  
Palo Alto Networks

VIDITA MISHRA

CERTIFICATE

## Palo Alto Networks Assessment-Based Certificate

VIDITA MISHRA

The Fundamentals of Cloud Security

*Pramod Mishra*  
President & CEO  
Palo Alto Networks

VIDITA MISHRA

CERTIFICATE

## Palo Alto Networks Assessment-Based Certificate

VIDITA MISHRA

The Fundamentals of SOC (Security Operations Center)

*Pramod Mishra*  
President & CEO  
Palo Alto Networks

VIDITA MISHRA

CERTIFICATE



AMERICAN MUSEUM  
OF NATURAL HISTORY



COURSE  
CERTIFICATE

May 9, 2023

VIDITA MISHRA

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard  
Hughes Medical Institute and offered through Coursera



Anna Lee Pinescinski  
Director, Office for Biodiversity and Conservation  
American Museum of Natural History

Verify at:  
<https://coursera.org/verify/AMNH-CMCE-90122>

Coursera has confirmed the identity of this individual and their participation in the course.



THE UNIVERSITY  
*of* EDINBURGH

May 9, 2009

**VIDITA MISHRA**

has successfully completed

**Introduction to Philosophy**

an online non-credit course authorized by The University of Edinburgh and offered  
through Coursera.

David Wood, Duncan Pritchard, Yannis Liaras, Matthew Crummon, Allan Hazlett, Michael Stumm, Alexander Richmond  
Department of Philosophy  
University of Edinburgh

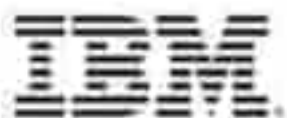
**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/RHASHH1LETH>

Coursera has certified the identity of this individual and their  
participation in the course.



May 10, 2023

**VIDITA MISHRA**

has successfully completed

**Introduction to Cybersecurity Tools & Cyber Attacks**

an online non-credit course authorized by IBM and offered through Coursera

Terri Puckett  
Project Manager  
IBM Security Learning Center

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/SC4480P049X>

Coursera has confirmed the identity of this individual and their participation in the course.





May 10, 2023

**VIDITA MISHRA**

has successfully completed

**Psychological First Aid**

an online non-credit course authorized by Johns Hopkins University and offered through  
Coursera

Assistant Professor  
Department of International Health,  
Bloomberg School of Public Health  
Johns Hopkins University

**COURSE  
CERTIFICATE**



Verify at:  
[coursera.org/verify/EVBT6NY25H78](https://coursera.org/verify/EVBT6NY25H78)

Coursera has certified the identity of this individual and their  
participation in the course.

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University & does not confer a PhD grade, course credit or degree. establish a relationship between this learner and PhD (word) or  
right at this learner at PhD or to any course offered by JHU or access this learner to access or use resources beyond the online courses provided by Coursera



Certificate no: UC-579f7168-8034-4fde-9b78-89f688c21a2f

Certificate url: [ude.my/UC-579f7168-8034-4fde-9b78-89f688c21a2f](https://ude.my/UC-579f7168-8034-4fde-9b78-89f688c21a2f)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Software Architecture and Clean Code Design in OOP

Instructors **Andrii Piatakha, Learn IT University**

## Suvajit Ghosh

Date **May 9, 2024**

Length **34.5 total hours**



Certificate no: UC-84ae1fc9-06ea-4735-81a3-bb2f975fa896

Certificate url: [ude.my/UC-84ae1fc9-06ea-4735-81a3-bb2f975fa896](https://ude.my/UC-84ae1fc9-06ea-4735-81a3-bb2f975fa896)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# 3-in-1 E-Commerce Masterclass - Amazon, Etsy & Pinterest

Instructors **Sumner Hobart, Ali Hobart**

## Suvajit Ghosh

Date **April 6, 2023**

Length **45 total hours**



Certificate no: UC-61c38f8f-0536-40f5-9c65-b99434fd4070

Certificate url: [ude.my/UC-61c38f8f-0536-40f5-9c65-b99434fd4070](https://ude.my/UC-61c38f8f-0536-40f5-9c65-b99434fd4070)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Digital Nomad Lifestyle: Live Your Dream & Travel the World

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Thomas Talavera Karlake, Beck Robertson**

## Suvajit Ghosh

Date **March 26, 2023**

Length **8.5 total hours**





Certificate no: UC-9623d165-84c0-4a11-bcf9-af1c5ca856ef

Certificate url: [ude.my/UC-9623d165-84c0-4a11-bcf9-af1c5ca856ef](https://ude.my/UC-9623d165-84c0-4a11-bcf9-af1c5ca856ef)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# PostgreSQL and MS SQL for Beginners

Instructors **Start-Tech Trainings, Start-Tech Academy**

## Suvajit Ghosh

Date **March 23, 2023**

Length **9 total hours**





Certificate no: UC-6b71c6de-ec97-4150-96bb-d074c4735684

Certificate url: [ude.my/UC-6b71c6de-ec97-4150-96bb-d074c4735684](https://www.udemy.com/certificate/UC-6b71c6de-ec97-4150-96bb-d074c4735684)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# **AutoCAD2020 2D Basics & Advanced(Full Projects Civil + Arch)**

Instructors **Ahmad Traboulsi**

## **Suvajit Ghosh**

Date **March 23, 2023**

Length **11 total hours**



Certificate no: UC-26f3471a-5c1e-4642-b387-4ef6ebb1e0d3

Certificate url: [ude.my/UC-26f3471a-5c1e-4642-b387-4ef6ebb1e0d3](https://ude.my/UC-26f3471a-5c1e-4642-b387-4ef6ebb1e0d3)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Employee CyberSecurity Awareness First Line of Defense

Instructors **CyberProStudy Ltd.**

## Suvajit Ghosh

Date **May 11, 2024**

Length **8 total hours**





5 Courses

Statistical Inference

Regression Models

Practical Machine Learning

Developing Data Products

Data Science Capstone



Apr 10, 2023

**Pritam Dey**

has successfully completed the online, non-credit Specialization

## Data Science: Statistics and Machine Learning

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

*Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD*

Department of  
Biostatistics  
Johns Hopkins  
Bloomberg School of  
Public Health

Verify this certificate at:

<https://coursera.org/verify/specialization/X47T9VITV8LX>





# Georgia Institute of Technology

Jun 4, 2022

## Pritam Dey

has successfully completed

### Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gerry Landers  
Lecturer  
GT Language Institute

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/KSG8TZG6QAPG>

Coursera has confirmed the identity of this individual and their participation in the course.



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S13650115

To  
PRITAM DEY  
8 NO. BAGPARA 3RD LANE  
MOREPUKUR  
RISHRA  
WEST BENGAL - 712250  
PH. NO :7890681954



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRITAM DEY**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	23.85/25	Programming Exam	25/25	Proctored Exam	21/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **7438**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras







# Certificate

We certify that **Sathi Sarkar**  
has completed the following courses on our platform:



**Classical Mechanics by MIT**

18 hours 24 minutes - From 08/06/2024 to 08/06/2024

  
Adnan Medeiros Dantas  
Executive Director - Cursa

  
Student Signature  
Sathi Sarkar

u4303254

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that Sathi Sarkar  
has completed the following courses on our platform:



Google Digital Marketing and Ecommerce by Google Career Certificates

13 hours 33 minutes - From 13/05/2024 to 13/05/2024

Adnan Medeiros Dantas  
Executive Director - Cursa

Student Signature  
Sathi Sarkar

u4303254

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity



# Certificate

We certify that Sathi Sarkar  
has completed the following courses on our platform:



Learn French grammar by Suchita

11 hours 14 minutes - From 13/05/2024 to 13/05/2024

Adriano Medeiros Dantas  
Executive Director - CURSA

Student Signature  
Sathi Sarkar

u4303254

This certificate proves that the student has attended the courses described therein through the CURSA application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access [cursa.app/en/my-certificate](https://cursa.app/en/my-certificate) and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA, CNPJ 24.471.978/0001-08.

E-mail: [contato@cursa.app](mailto:contato@cursa.app)



Point the camera to  
verify authenticity

**UCI** University of  
California, Irvine

April 26, 2013

**Eshita Dey**

has successfully completed

**Introduction to the Internet of Things and  
Embedded Systems**

an online course made possible by University of California (UC) and offered  
through Coursera



Anil Kumar  
Professor  
Department of Information Systems

**COURSE  
CERTIFICATE**



Verify it:  
<https://coursera.org/verify/PHD88932013>  
This certificate was generated for Eshita Dey. All rights reserved. The  
University of California, Irvine



Certificate ID: 7710204-5084-48-5481-00105-1046-  
Certificate Issued On: 7710204-5084-48-5481-00105-1046-  
Reference Number: 0000

CERTIFICATE OF COMPLETION

# Unity Multiplayer Blockchain Game Course

Instructors: **Morgan Page**

**Eshita Dey**

Date: **May 15, 2023**

Length: **9.5 total hours**





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CERTIFICATE OF COMPLETION

# Product Management Marketing: Dekker's Product Marketing MBA

Instructors: Dekker Fraser, MBA, Jyra Galosmo

**Eshita Dey**

Date: May 15, 2023

Length: 20.5 total hours



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CERTIFICATE OF COMPLETION

# QuickBooks Desktop Multiple Currencies

Instructors: Robert (Bob) Steele

**Eshita Dey**

Date: May 15, 2023

Length: 8.5 total hours



Certificate ID: UC4872023-2023-0720-4172-214-44442023  
Certificate URL: UC4872023-2023-0720-4172-214-44442023  
Reference Number: UC23

CERTIFICATE OF COMPLETION

# QuickBooks Online Not for Profit Organization

Instructor: Robert (Rob) Steele

**Eshita Dey**

Date: May 15, 2023

Length: 10 total hours

VANDERBILT  UNIVERSITY

26 May 2022

**Eshita Dey**

has successfully completed

**Introduction to Programming with MATLAB**

an online non-credit course authorized by Vanderbilt University and offered through Coursera.

**COURSE  
CERTIFICATE**



Alex Gilbert, Ph.D.  
Professor  
Computer Engineering, Computer Science, and  
Electrical Engineering

J. Michael Fitzpatrick, Ph.D.  
Professor Emeritus  
Computer Science, Computer Engineering, Electrical Engineering, Neuroscience and Technology

Verify at:  
<https://coursera.org/verify/77649WAWMVC8>

Coursera has confirmed the identity of this individual and their participation in the course.



**4TU** Centre for Ethics  
and Technology

28 May 2022

**Eshita Dey**

has successfully completed

**Ethics, Technology and Engineering**

an online non-credit course authorized by Eindhoven University of Technology and  
4TU Ethics and offered through Coursera.

Lecturer Signature  
Associate Professor  
Eindhoven University of Technology

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/081421M1108>

Coursera has confirmed the identity of this individual and their  
participation in the course.





# Georgia Institute of Technology

July 1, 2021

**Eshita Dey**

has successfully completed

## Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera

Gary Lambert  
Deans  
ICT Language Institute

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/WDEANCI2VEM4](https://coursera.org/verify/WDEANCI2VEM4)

Coursera has confirmed the identity of this individual and their participation in this course.

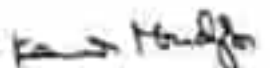


## Certificate for Completion of Introduction to Computers Training

This is to certify that **ESHITA DEY** has successfully completed **Introduction to Computers** test organized at **Hooghly Engineering & Technology College** by **JAGADISH BHATTACHARYA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

**SWARUP SAMANTA** from **Hooghly Engineering & Technology College** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

June 2nd 2022

  
Prof. Swarup M Samanta  
IIT Bombay

# **M** UNIVERSITY OF MICHIGAN

May 10, 2018

**Eshita Dey**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera.



David Forinash  
David Forinash, School of Information  
Technology, University of Michigan

**COURSE  
CERTIFICATE**



Verify at:  
<https://coursera.org/certificates/verify>  
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Certificate ID: UC-rcd9H6L-7Fz3-4c2b-487b-22940a603498  
Certificate URL: <https://www.udacity.com/Certificate/UC-rcd9H6L-7Fz3-4c2b-487b-22940a603498>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Complete PYTHON Programming for Beginners - 2023

Instructors: **Hemanth kumar**

## Shubhashree Ghosh

Date: **May 9, 2023**

Length: **11 total hours**



Certificate No: UC-y858a7T-5N3-4951-9271-9228d50ad6d  
Certificate ID: udemy/UC-y858a7T-5N3-4951-9271-9228d50ad6d  
Reference Number: 9304

CERTIFICATE OF COMPLETION

# Linode: Deploy Scalable React Web Apps on the Cloud

Instructors: YouAccel Training

**Shubhashree Ghosh**

Date: May 9, 2023

Length: 18 total hours





Certificate no: UC-d6e5f07-e2e1-4877-4b17-5d84e1f9d85c  
Certificate url: <https://www.udacity.com/UC-d6e5f07-e2e1-4877-4b17-5d84e1f9d85c>  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python And Flask Framework Complete Course

Instructors: **Horizon Tech**

## Shubhashree Ghosh

Date: **May 11, 2023**

Length: **12 total hours**



Certificate for UC-cfa32193-c3a3-454e-9e41-fa32168ee22e  
Certificate URL: [www.udemy.com/certificate/UC-cfa32193-c3a3-454e-9e41-fa32168ee22e](https://www.udemy.com/certificate/UC-cfa32193-c3a3-454e-9e41-fa32168ee22e)  
Reference Number: 18334

CERTIFICATE OF COMPLETION

# Configure NGINX on a Cloud Server: Digital Ocean & AWS

Instructors: YouAccel Training

**Shubhashree Ghosh**

Date: May 9, 2023

Length: 9.5 total hours



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHUBHASHREE GHOSH**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	11.25/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Feb-Apr 2023  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Certificate no. UC-e414229b-2562-4a48-9290-46a0225c7194  
Certificate url: udemy/UC-e414229b-2562-4a48-9290-46a0225c7194  
Reference Number: 0004

CERTIFICATE OF COMPLETION

# Improve English by Movies

Instructors: **Yusuf Kati**

**Shubhashree Ghosh**

Date: **May 16, 2023**

Length: **24 total hours**



Certificate no: UC-678fef51-e4d0-4743-aaa8-f536528e3137

Certificate url: [ude.my/UC-678fef51-e4d0-4743-aaa8-f536528e3137](https://udemy.com/certificate/UC-678fef51-e4d0-4743-aaa8-f536528e3137)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The AI-Powered Digital Marketing & Digital Advertising Guide

Instructors **Ing. Tomas Moravek**

**Suman sahana**

Date **Feb. 7, 2024**

Length **41 total hours**





Certificate no: UC-f59aa2ad-83aa-43f0-89cb-e55b0d38f358

Certificate url: [ude.my/UC-f59aa2ad-83aa-43f0-89cb-e55b0d38f358](https://udemy.com/certificate/UC-f59aa2ad-83aa-43f0-89cb-e55b0d38f358)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Python, Flask Framework And Django Course For Beginners

Instructors **Horizon Tech**

**Suman sahana**

Date **Feb. 7, 2024**

Length **18.5 total hours**



Certificate no: UC-b0bb82e6-ea8f-4518-b1d9-e8f2ee428be6

Certificate url: [ude.my/UC-b0bb82e6-ea8f-4518-b1d9-e8f2ee428be6](https://ude.my/UC-b0bb82e6-ea8f-4518-b1d9-e8f2ee428be6)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Income Tax – Schedule C Small Business Sole Proprietor

Instructors **Robert (Bob) Steele**

**Suman sahana**

Date **May 14, 2023**

Length **25 total hours**



Certificate no: UC-2130dd05-5c5a-49bb-9d9d-7c5b318a0a27

Certificate url: [ude.my/UC-2130dd05-5c5a-49bb-9d9d-7c5b318a0a27](https://ude.my/UC-2130dd05-5c5a-49bb-9d9d-7c5b318a0a27)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Xero Accounting Software

Instructors **Robert (Bob) Steele, Jane Clark**

**Suman sahana**

Date **March 14, 2023**

Length **34 total hours**



Roll No:NPTEL18CS45511370212

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIPASHA DUTTA**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **42 %**

Online Assignments	21.38/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS45511480040

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKSHAY KUMAR BAG**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **76 %**

Online Assignments	23.67/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS45511480142

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

189/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANIMESH BASULI**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **77 %**

Online Assignments	22.63/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS45511480194

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

170/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAMANUJ BHATTACHARJEE**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **75 %**

Online Assignments	23.67/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS45521360123

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

171/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANUTTAM KUMAR PAL**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **74 %**

Online Assignments	23.25/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS45521360191

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

172/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOUMITA ROY**

for successfully completing the course

**Cloud Computing and Distributed Systems**

with a consolidated score of **75 %**

Online Assignments	22.21/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18CS45521521911

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

173/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ASHIS KULLA**

for successfully completing the course

## Cloud Computing and Distributed Systems

with a consolidated score of **66 %**

Online Assignments	23.17/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 529

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18C553511532914

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

191/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAIKAT DEY**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **77 %**

Online Assignments	24.09/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **982**

*A. Ramesh*

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL18CS40511370283

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

8/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATEEP DEO**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **57 %**

Online Assignments	19.38/25	Proctored Exam	37.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL1BCS40511370319

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

9/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KINGSHUK PAL**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **80 %**

Online Assignments	19.54/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No: NPTEL18CS40511370334

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

15/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AVRAJIT KUNDU**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **67 %**

Online Assignments	21.08/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: 3147

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean,  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur







Roll No: NPTEL18CS40511370349

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

11/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMARTYA BANERJEE**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **63 %**

Online Assignments	21.46/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 3147

Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur







Roll No:NPTEL1BC540511370364

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

12/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANINDYA OJHA**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **55 %**

Online Assignments	21.04/25	Proctored Exam	34.25/75
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Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL1BCS40511370394

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

13/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK DAS**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **58 %**

Online Assignments	20.21/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean,  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL1BCS40S21360375

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

14/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIPANWITA SAHA**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **57 %**

Online Assignments	18.46/25	Proctored Exam	38.5/75
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Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL18CS40521523609

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

15/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABINASH MANDI**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **54 %**

Online Assignments	20.63/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **3147**

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur







Roll No:NPTEL18CE20511531085

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

192/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAWESH KUMAR JHA**

for successfully completing the course

**Concrete Technology**

with a consolidated score of **51 %**

Online Assignments	16.19/25	Proctored Exam	35.11/75
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Total number of candidates certified in this course: **636**

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL18MES1521360316

To

HOOGLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGLY

7/21/25



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KAUSTAV MAITY.**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **54 %**

Online Assignments	9.38/25	Proctored Exam	45/75
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Prof. B. K. Gandhi

Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **1084**

Jul-Oct 2018  
(12 week course)



Indian Institute of Technology Roorkee





Roll No:NPTEL18CS35521360409

To

NILANJANA SAHA  
51A/6 BARABAGAN LANE SERAMPORE HOOGHLY  
SERAMPORE  
HOOGHLY  
WEST BENGAL  
712203  
PH. NO :8013789433

Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NILANJANA SAHA**

for successfully completing the course

**The Joy of Computing Using Python**

with a consolidated score of **68 %**

Online Assignments	24/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **4045**

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL18CS35521360434

To

HOGGHLI ENGINEERING & TECHNOLOGY COLLEGE  
HOGGHLI

188/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDISHA BARUA**

for successfully completing the course

**The Joy of Computing Using Python**

with a consolidated score of **74 %**

Online Assignments	23.25/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **4045**

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No:NPTEL18CS35521360442

To

HOGGHLI ENGINEERING & TECHNOLOGY COLLEGE  
HOGGHLI

188/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBANJANA BISHNU**

for successfully completing the course

**The Joy of Computing Using Python**

with a consolidated score of **79 %**

Online Assignments	23/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **4045**

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







Roll No:NPTEL18CS35521360478

To

HOGGHLI ENGINEERING & TECHNOLOGY COLLEGE  
HOGGHLI

199/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEB KUMAR DAS**

for successfully completing the course

**The Joy of Computing Using Python**

with a consolidated score of **86 %**

Online Assignments	23.25/25	Proctored Exam	63/75
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Total number of candidates certified in this course: **4045**

Prof. A. Ramesh

Chairman

Center for Continuing Education, IITM

Jul-Oct 2018

(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL18EE14521360116

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

4/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RANAJOY DATTA**

for successfully completing the course

**Fundamentals of Electrical Engineering**

with a consolidated score of **40 %**

Online Assignments	15.56/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1173

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Jul-Oct 2018  
(12 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL1BEE14521360373

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

1/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITAM CHAKRABORTY**

for successfully completing the course

**Fundamentals of Electrical Engineering**

with a consolidated score of **46 %**

Online Assignments	17.88/25	Proctored Exam	28.5/75
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Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **1173**

Jul-Oct 2018  
(12 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No: NPTEL18EE20521360327

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

177/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT BHARDWAJ**

for successfully completing the course

**Control Engineering**

with a consolidated score of **61 %**

Online Assignments	17.81/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: 490

*A. Ramesh*

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No:NPTEL18CS33511534473

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

185/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABHISHEK JHA**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **63 %**

Online Assignments	24.25/25	Proctored Exam	39/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS33511530236

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT PATRA**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **65 %**

Online Assignments	24.25/25	Proctored Exam	40.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS33521360456

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

178/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEEP KUMAR ROY**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **40 %**

Online Assignments	19.5/25	Proctored Exam	20.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS33521360476

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

189/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHOUVIK MONDAL**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **40 %**

Online Assignments	23/25	Proctored Exam	16.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS33521360461

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYON KHASKEL**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **40 %**

Online Assignments	25/25	Proctored Exam	15/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS33521360378

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

184/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SNEHA CHATTERJEE**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **54 %**

Online Assignments	24.25/25	Proctored Exam	30/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS33521360366

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

189/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SREEJA DE**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **64 %**

Online Assignments	23.75/25	Proctored Exam	40.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CS33511534720

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

182/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMDATTA DAS**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **47 %**

Online Assignments	22.5/25	Proctored Exam	24/75
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Total number of candidates certified in this course: **3925**

*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS33521360490

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

183/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JHUMKI MODAK**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **49 %**

Online Assignments	24.5/25	Proctored Exam	24/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18CS33S21470133

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

181/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**URMI PURKAIT**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **43 %**

Online Assignments	25/25	Proctored Exam	18/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **3925**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511090599

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

16/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRY SAMADDAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **73 %**

Online Assignments	24.33/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30S11110034

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

17/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **58 %**

Online Assignments	23.00/25	Proctored Exam	34.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370019

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMOSHREE DEY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63 %**

Online Assignments	23.67/25	Proctored Exam	39/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370021

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



18/2128

Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADEEP ROY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **65 %**

Online Assignments	19.50/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370025

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

20/2120



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBABRATA BISWAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **48 %**

Online Assignments	23.17/25	Proctored Exam	24.75/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370031

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

21/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TANUSHREE BIBAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	23.17/25	Proctored Exam	38.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370035

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

22/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BISWAJIT KUNDU**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **73 %**

Online Assignments	24.33/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370039

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

23/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRI DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **74 %**

Online Assignments	23.33/25	Proctored Exam	50.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370041

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

24/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANI SAMANTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **57 %**

Online Assignments	22.83/25	Proctored Exam	33.75/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370045

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

25/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMAN KARMAKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **62 %**

Online Assignments	24.00/25	Proctored Exam	37.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370047

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

26/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANUSREE DEY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **66 %**

Online Assignments	22.83/25	Proctored Exam	42.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370051

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

27/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SIDDHARTHA DEY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	22.00/25	Proctored Exam	39/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511370063

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

28/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRIYAJIT BHATTACHARYYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	23.67/25	Proctored Exam	57/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370065

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RANODIP PRAMANIK**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **52 %**

Online Assignments	21.33/25	Proctored Exam	30.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370093

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADIP BASU MALLICK**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **68 %**

Online Assignments	22.17/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370095

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

31/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWETA LILY TUDU**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	23.33/25	Proctored Exam	57.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370101

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GODHULI SARKAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **85 %**

Online Assignments	24.50/25	Proctored Exam	60/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511370103

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DHANANJAY GIRI**



for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **91 %**

Online Assignments	24.67/25	Proctored Exam	66/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370107

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

34/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRITUNJAY GIRI**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **85 %**

Online Assignments	24.67/25	Proctored Exam	60/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370122

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

25/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TANAJIT PAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **66 %**

Online Assignments	23.67/25	Proctored Exam	42.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370126

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

26/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JASMEET KAUR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **70 %**

Online Assignments	23.50/25	Proctored Exam	46.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370130

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

37/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMBIT SAHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **79 %**

Online Assignments	24.50/25	Proctored Exam	54.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511370136

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DHARMENDRA DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **69 %**

Online Assignments	22.67/25	Proctored Exam	46.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370142

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

28/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOHIBUL AKTAR MOLLAH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **71 %**

Online Assignments	24.00/25	Proctored Exam	46.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370148

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHILPI SAHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of 72 %

Online Assignments	23.67/25	Proctored Exam	48/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 12219

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370152

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



81/2128

Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUSMITA ROY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	21.17/25	Proctored Exam	33/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370158

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

82/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBJIT DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **60 %**

Online Assignments	22.17/25	Proctored Exam	37.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370160

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

45/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARJUN POREY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63 %**

Online Assignments	23.33/25	Proctored Exam	39.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370164

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

94/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **68 %**

Online Assignments	23.83/25	Proctored Exam	44.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370166

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

45/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MAJHI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **56 %**

Online Assignments	24.17/25	Proctored Exam	31.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370170

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

46/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITUPARNA DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **64 %**

Online Assignments	20.17/25	Proctored Exam	44.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370181

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

87/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA DATTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	23.17/25	Proctored Exam	44.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370185

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

46/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KINGSHUK KIRTANIA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **60 %**

Online Assignments	24.17/25	Proctored Exam	35.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370193

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



46/2123

Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMIT KUMAR SHAW**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **69 %**

Online Assignments	23.50/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370197

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATYUSH SAXENA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	23.17/25	Proctored Exam	57.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370199

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



11/2123

Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**OINDRILA DUTTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **56 %**

Online Assignments	19.50/25	Proctored Exam	36/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370201

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH DUTTA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **48 %**

Online Assignments	18.83/25	Proctored Exam	29.25/75
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Total number of candidates certified in this course: **12219**

*T. V. Prabhakar*  
 Prof. T. V. Prabhakar  
 Chairman  
 Center for Continuing Education, IITK

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*  
 Prof. Satyaki Roy  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370203

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

13/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TAPAS KUMAR SAHA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **71 %**

Online Assignments	23.33/25	Proctored Exam	47.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370207

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

54/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SNAHASIS BARAT**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **80 %**

Online Assignments	23.50/25	Proctored Exam	56.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370209

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

25/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SATAVISA DATTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **66 %**

Online Assignments	23.33/25	Proctored Exam	42.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370211

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

56/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAMITI HALDAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **55 %**

Online Assignments	23.83/25	Proctored Exam	30.75/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370220

To

HOGGLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGGLY

17/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUVRO SNIGDHO DUTTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **87 %**

Online Assignments	23.83/25	Proctored Exam	63/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370228

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN SAHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **69 %**

Online Assignments	23.33/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370230

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARGHYA BHATTACHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **55 %**

Online Assignments	21.67/25	Proctored Exam	33/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370238

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ASHIS KUMAR SHAW**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **60 %**

Online Assignments	23.67/25	Proctored Exam	36/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370240

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

81/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAYANI DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **61 %**

Online Assignments	22.83/25	Proctored Exam	38.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370242

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

82/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JYOTISHKA SAHA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **77 %**

Online Assignments	23.33/25	Proctored Exam	53.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370263

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

83/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BUDHADITYA MUKHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **65 %**

Online Assignments	23.50/25	Proctored Exam	41.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370265

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

84/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIMAN MIDDYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **58 %**

Online Assignments	23.83/25	Proctored Exam	34.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370348

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



75/2128

Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOVAN PATRA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **62 %**

Online Assignments	24.17/25	Proctored Exam	37.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370280

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

85/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MD ANZAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **60 %**

Online Assignments	22.83/25	Proctored Exam	36.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370284

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

86/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL RANJAN**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	24.50/25	Proctored Exam	56.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370293

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

87/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TIRTHANKAR BAISYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	18.33/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370295

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

88/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWARNABHA SARKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **82 %**

Online Assignments	22.50/25	Proctored Exam	59.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370303

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN BARULI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **73 %**

Online Assignments	24.67/25	Proctored Exam	48/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370312

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

75/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITAM PAL**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **50 %**

Online Assignments	24.17/25	Proctored Exam	25.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370314

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

71/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KUNTAL NASKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **69 %**

Online Assignments	23.17/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370331

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

72/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK SANTRA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **68 %**

Online Assignments	23.17/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370359

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

74/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANTA MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63 %**

Online Assignments	23.00/25	Proctored Exam	39.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370363

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

75/2128



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **83 %**

Online Assignments	24.83/25	Proctored Exam	57.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370372

To

HOOGLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGLY

76/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATANU ROY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **62 %**

Online Assignments	23.33/25	Proctored Exam	38.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370374

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

77/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWAGATA ROY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **55 %**

Online Assignments	17.83/25	Proctored Exam	36.75/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370376

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

78/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUNIL KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **68 %**

Online Assignments	24.17/25	Proctored Exam	44.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511370378

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

79/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBYANI DAWN**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **65 %**

Online Assignments	23.50/25	Proctored Exam	41.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370391

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

85/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVONIK MUKHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	15.00/25	Proctored Exam	39/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511370400

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

81/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RIKKU PAN**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	24.00/25	Proctored Exam	30/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511370415

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TOUSIF AHAMED**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **60 %**

Online Assignments	21.50/25	Proctored Exam	38.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511480004

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

83/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**OINDRILA BHATTACHARYYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **77 %**

Online Assignments	23.67/25	Proctored Exam	53.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480021

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

84/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHIT DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	19.17/25	Proctored Exam	35.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480104

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

85/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHADEEP SHOME**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **80 %**

Online Assignments	23.17/25	Proctored Exam	57/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480106

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHRANGSHU MUHURY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	23.67/25	Proctored Exam	57.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511480110

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANIKET CHAKRABORTY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **73 %**

Online Assignments	23.17/25	Proctored Exam	50.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511480112

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN SEN**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **62 %**

Online Assignments	22.33/25	Proctored Exam	39.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480154

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

88/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANINDYA SARKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **74 %**

Online Assignments	23.33/25	Proctored Exam	50.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480156

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

95/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SARTHAK SRIVASTAVA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **62 %**

Online Assignments	24.00/25	Proctored Exam	37.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511480182

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

91/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRINMOY DEB**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **64 %**

Online Assignments	24.17/25	Proctored Exam	39.75/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511510206

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

82/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIPANJAN MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **58 %**

Online Assignments	21.67/25	Proctored Exam	36.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511530962

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

83/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN BAG**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **60 %**

Online Assignments	22.67/25	Proctored Exam	37/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511531046

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

94/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH KUMAR SINGH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **65 %**

Online Assignments	23.67/25	Proctored Exam	41.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511531243

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

95/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **74 %**

Online Assignments	24.33/25	Proctored Exam	49.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511531635

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

96/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIP BISWAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **76 %**

Online Assignments	22.33/25	Proctored Exam	54/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511531647

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

87/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHANDRIMA BHATTACHARYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **55 %**

Online Assignments	20.67/25	Proctored Exam	34.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511531707

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SACHIN JAISWAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **73 %**

Online Assignments	24.50/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511531735

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

96/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMYA BANERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **77 %**

Online Assignments	22.50/25	Proctored Exam	54.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511531896

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

100/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT ROY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **79 %**

Online Assignments	22.33/25	Proctored Exam	56.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30511531951

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

181/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RISHIRAJ BAGCHI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **80 %**

Online Assignments	24.17/25	Proctored Exam	56.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511532023

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

182/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BRIJESH JHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **86 %**

Online Assignments	24.50/25	Proctored Exam	61.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511532275

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18S/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATHEMESH CHAKRABORTY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **50 %**

Online Assignments	19.50/25	Proctored Exam	30.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511532281

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

184/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANGITA PARUI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **78 %**

Online Assignments	23.50/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **12219**

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511532436

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

105/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK MALICK**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **55 %**

Online Assignments	24.17/25	Proctored Exam	30.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511532585

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18H/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDISHA JANA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	23.00/25	Proctored Exam	44.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511532996

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMODIP GHOSH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **72 %**

Online Assignments	21.67/25	Proctored Exam	50.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30511533050

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	24.00/25	Proctored Exam	36.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511533060

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

100/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN KAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **68 %**

Online Assignments	24.17/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **12219**

T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511533142

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

118/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **52 %**

Online Assignments	22.50/25	Proctored Exam	29.25/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

**Aug-Oct 2018**  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511533300

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

111/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHAITALI ROY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **85 %**

Online Assignments	21.33/25	Proctored Exam	63.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511533600

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

112/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMAN JANA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	24.00/25	Proctored Exam	30/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

**Aug-Oct 2018**  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30511533864

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

113/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SNEHIL PRAKASH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **70 %**

Online Assignments	24.50/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511533890

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

114/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUVOMOY DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	18.17/25	Proctored Exam	42.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511970238

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

119/2129



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHASWATA DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **66 %**

Online Assignments	22.00/25	Proctored Exam	43.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30511970258

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

118/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **60 %**

Online Assignments	22.33/25	Proctored Exam	37.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521110014

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

117/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH CHAKRABORTY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	23.17/25	Proctored Exam	37.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521110016

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

118/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINU PAL**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **57 %**

Online Assignments	22.17/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **12219**

*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521240121

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

118/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUKANTA KARMAKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **64 %**

Online Assignments	21.17/25	Proctored Exam	42.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360018

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

128/2128



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB KUMAR MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	23.83/25	Proctored Exam	37.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360024

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

121/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAYU SENGUPTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **79 %**

Online Assignments	23.00/25	Proctored Exam	55.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360030

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

122/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA CHAKRABORTY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **71 %**

Online Assignments	24.17/25	Proctored Exam	47.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360042

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

126/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MEHULI DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **78 %**

Online Assignments	24.17/25	Proctored Exam	54/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360052

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

125/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARANYAK DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66 %**

Online Assignments	22.50/25	Proctored Exam	43.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360056

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

128/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBDUT ROY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **82 %**

Online Assignments	23.00/25	Proctored Exam	58.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360062

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

122/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAUNAK ROY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **78 %**

Online Assignments	22.83/25	Proctored Exam	55.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30521360068

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

128/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJET SAMANTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	21.50/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360070

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

128/2128



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MONISH KUMAR BAIRAGI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **72 %**

Online Assignments	23.50/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360102

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

138/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA NANDI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **51 %**

Online Assignments	18.17/25	Proctored Exam	33/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360134

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

131/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KAMINI HALDER**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **52 %**

Online Assignments	23.50/25	Proctored Exam	28.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

**Aug-Oct 2018**  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360146

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

132/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHIVANI RAUT**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **70 %**

Online Assignments	24.17/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360148

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

122/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KUNDAN MUKHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63 %**

Online Assignments	23.50/25	Proctored Exam	39.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360154

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

134/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH CHATTERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63 %**

Online Assignments	14.00/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360200

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

138/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHIT ROY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **64 %**

Online Assignments	22.33/25	Proctored Exam	41.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360168

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

133/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ELISHA GHOSH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **69 %**

Online Assignments	22.83/25	Proctored Exam	46.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360170

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

136/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MAINAK GOSWAMI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **56 %**

Online Assignments	23.67/25	Proctored Exam	32.25/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

**Aug-Oct 2018**  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30521360172

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

137/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABHRADEEP DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **65 %**

Online Assignments	23.67/25	Proctored Exam	41.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360204

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

138/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAUMIN DUTTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **72 %**

Online Assignments	21.33/25	Proctored Exam	51/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521360206

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

148/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAYANTA DHALI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **58 %**

Online Assignments	20.17/25	Proctored Exam	37.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360214

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

141/2120



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VIVEK KR GUPTA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	24.50/25	Proctored Exam	42/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360220

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

142/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITAM MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **51 %**

Online Assignments	22.67/25	Proctored Exam	28.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521360280

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

144/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAUL**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **63 %**

Online Assignments	22.17/25	Proctored Exam	40.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30521360320

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

145/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATRI BISWAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **50 %**

Online Assignments	23.33/25	Proctored Exam	27/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

**Aug-Oct 2018**  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521360326

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

186/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT GARANG**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **82 %**

Online Assignments	24.17/25	Proctored Exam	57.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521470032

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

147/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUKANYA BHATTACHARYYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61 %**

Online Assignments	22.33/25	Proctored Exam	39/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521470040

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

148/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBARGHYA MUKHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **83 %**

Online Assignments	23.17/25	Proctored Exam	60/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521470048

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

149/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **69 %**

Online Assignments	24.17/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30521470058

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18H/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUDARSHAN LODH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **72 %**

Online Assignments	24.33/25	Proctored Exam	48/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521520332

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

151/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEVLINA BISWAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **69 %**

Online Assignments	23.50/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521521143

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

152/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB PAUL**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **63 %**

Online Assignments	22.67/25	Proctored Exam	40.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521521175

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

133/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MARICK**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **80 %**

Online Assignments	24.00/25	Proctored Exam	55.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521521202

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

154/2120



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKOJYOTI PAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **66 %**

Online Assignments	22.33/25	Proctored Exam	43.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521521213

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

155/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH NEOGI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	22.17/25	Proctored Exam	31.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521521608

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

199/2129



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ADITI BANDYAPADHYA**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **54 %**

Online Assignments	15.33/25	Proctored Exam	38.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521521628

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

157/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANI SWARNAKAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **57 %**

Online Assignments	23.67/25	Proctored Exam	33.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521521779

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA GUHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **73 %**

Online Assignments	24.17/25	Proctored Exam	48.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521521803

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN CHAKRABORTY**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	23.33/25	Proctored Exam	43.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521521852

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2123



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RUBAIZ SIDDIQUEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **81 %**

Online Assignments	24.33/25	Proctored Exam	56.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521521908

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

191/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AISHIK SIKDAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **83 %**

Online Assignments	22.83/25	Proctored Exam	60/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521521993

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

162/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN MANDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **67 %**

Online Assignments	23.00/25	Proctored Exam	43.5/75
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*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521522151

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

18S/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITTIKA GHOSH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **51 %**

Online Assignments	23.67/25	Proctored Exam	27/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18HS30521522722

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAGARIKA MONDAL**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **71 %**

Online Assignments	23.00/25	Proctored Exam	48/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521522650

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

166/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHAN MUKHERJEE**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **74 %**

Online Assignments	23.33/25	Proctored Exam	51/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521522798

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

188/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINA ROY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of 72 %

Online Assignments	23.50/25	Proctored Exam	48/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: 12219

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No:NPTEL18HS30521820004

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

176/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SIMRAN KUMARI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **70 %**

Online Assignments	24.17/25	Proctored Exam	45.75/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018

(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18HS30521960045

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

175/2125



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **75 %**

Online Assignments	22.33/25	Proctored Exam	52.5/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL18HS30521960065

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

176/2123



Score	Type of Certificate
≥90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK CHANDRA DAS**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **68 %**

Online Assignments	23.00/25	Proctored Exam	45/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Contributor

IIT Kanpur



Indian Institute of Technology Kanpur







Roll No:NPTEL18CE19511370088

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

6/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITWIK GUIN**

for successfully completing the course

## Matrix Method of Structural Analysis

with a consolidated score of **74 %**

Online Assignments	19.50/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 194

Prof. Anupam Basu  
NPTEL Coordinate  
IIT Kharagpur

Aug-Oct 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goewami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL18EE25521521867

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

3/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAHIL SARKAR**

for successfully completing the course

**Advanced Linear Continuous Control Systems:  
Applications with MATLAB Programming and Simulink**  
with a consolidated score of **55 %**

Online Assignments	14.04/25	Proctored Exam	40.5/75
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Prof. B. K. Gandhi

Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **247**

Aug-Oct 2018  
(8 week course)



Indian Institute of Technology Roorkee





Roll No:NPTEL18EE47521360091

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

2/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMONA KARMAKAR**

for successfully completing the course

**Microwave Integrated Circuits**

with a consolidated score of **52 %**

Online Assignments	17.50/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **46**

Prof. Sridhar Iyer  
Head COSEP & NPTEL Coordinator  
IIT Bombay

Aug-Oct 2018  
(8 week course)



Indian Institute of Technology Bombay





Roll No: NPTEL18HS27511330080

To

HOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOGHLY

1/2125



Score	Type of Certificate
$\geq 90$	Elite + Gold Medal
80-89	Elite
40-79	Successfully Completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOHAM DATTA**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **55 %**

Online Assignments	11.25/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1874

Prof. A. Ramesh  
Chairman

Center for Continuing Education, IITM

Aug-Sep 2018  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL19CS09561631685

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SACHIN JAISWAL**  
for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.69/25	Proctored Exam	29.69/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561631685

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09561630527

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIP BISWAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.44/25	Proctored Exam	40.63/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561630527

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561630471

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINA ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.06/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561630471

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561630307

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKOJYOTI PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **52** %

Online Assignments	23.66/25	Proctored Exam	28.13/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561630307

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09561560196

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUDARSHAN LODH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.22/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561560196

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561560159

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBARGHYA MUKHERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **89 %**

Online Assignments	24.84/25	Proctored Exam	64.07/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561560159

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430240

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATRI BISWAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **49** %

Online Assignments	22.78/25	Proctored Exam	26.57/75
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Total number of candidates certified in this course: **9034**

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430240

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430234

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATANU ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **61** %

Online Assignments	24.69/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430234

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430218

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBYANI DAWN**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.38/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430218

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430214

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB DEY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	23.88/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430214

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430208

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BUDHADITYA MUKHERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **52** %

Online Assignments	23.75/25	Proctored Exam	28.13/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430208

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430204

To  
HIGGELY ENGINEERING & TECHNOLOGY COLLEGE  
HIGGELY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ABHRADEEP DAS**  
for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **50** %

Online Assignments	21.75/25	Proctored Exam	28.13/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430204

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430194

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SAYANI SWARNAKAR**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.38/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430194

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430180

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA GUHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.31/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430180

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09561430178

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAUNAK ROY**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	23.19/25	Proctored Exam	59.38/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430178

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19CS09561430170

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIPANJAN MONDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.75/25	Proctored Exam	29.69/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430170

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430164

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRO CHATTERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **67** %

Online Assignments	24.5/25	Proctored Exam	42.19/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430164

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19CS09561430162

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH CHAKRABORTY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **62** %

Online Assignments	24.88/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430162

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430160

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH CHATTERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	24.13/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430160

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09561430158

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOHIBUL AKTAR MOLLAH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **51** %

Online Assignments	24.63/25	Proctored Exam	26.57/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430158

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430156

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB KUMAR MONDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	29.69/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430156

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430152

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANTA MONDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **46** %

Online Assignments	24.28/25	Proctored Exam	21.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9034**

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430152

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430148

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	24.13/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430148

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09561430140

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAYANTA DHALI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **67** %

Online Assignments	24.44/25	Proctored Exam	42.19/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430140

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19CS09561430136

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KAMINI HALDER**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **40** %

Online Assignments	24.22/25	Proctored Exam	15.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430136

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430132

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **45** %

Online Assignments	24.22/25	Proctored Exam	20.31/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430132

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09561430128

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA CHAKRABORTY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.47/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: **9034**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430128

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430124

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHADEEP SHOME**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.25/25	Proctored Exam	29.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430124

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430120

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAYU SENGUPTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430120

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430114

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBDUT ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	23.94/25	Proctored Exam	40.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430114

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430104

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT GARANG**

for successfully completing the course

### Joy of Computing Using Python

with a consolidated score of **47** %

Online Assignments	14.06/25	Proctored Exam	32.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430104

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09561430072

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIRENDRA SHAW**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	24.22/25	Proctored Exam	45.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430072

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09561430046

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN MANDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.41/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09561430046

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19ME10541430124

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TRIDIB KUMAR GHOSHAL**

for successfully completing the course

## IC Engines and Gas Turbines

with a consolidated score of **53** %

Online Assignments	18.53/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1557

Prof. Sunil Khajwaria  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019  
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19ME10541430124

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19ME10531560170

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHAYAN PAUL**

for successfully completing the course

## IC Engines and Gas Turbines

with a consolidated score of **46** %

Online Assignments	19.13/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1557**

Prof. Sunil Khajwaria  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019  
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19ME10531560170

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19ME10S31560148

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARUNAVA MONDAL**

for successfully completing the course

## IC Engines and Gas Turbines

with a consolidated score of **60** %

Online Assignments	19.00/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 1557

Prof. Sunil Khajwaria  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019  
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19ME10S31560148

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19ME10531430138

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SAYANTAN SENGUPTA**

*for successfully completing the course*

## IC Engines and Gas Turbines

with a consolidated score of **42** %

Online Assignments	19.16/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1557

Prof. Sunil Khajwaria  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019  
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19ME10531430138

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09552060023

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	24.56/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09552060023

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551632940

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB PAUL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **42** %

Online Assignments	2.94/25	Proctored Exam	39/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632940

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551632554

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RISHIRAJ BAGCHI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.28/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632554

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551632514

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MARICK**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	24.50/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632514

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551632478

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEBABRATA BISWAS**  
for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **58** %

Online Assignments	23.88/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632478

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551632476

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**RUPAYAN BISWAS**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **51** %

Online Assignments	22.59/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632476

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551632296

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOUMYA BANERJEE**  
for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	23.84/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632296

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551632294

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDISHA JANA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **50** %

Online Assignments	24.28/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632294

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551632292

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHAN MUKHERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **45** %

Online Assignments	23.94/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632292

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551632260

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWETA LILY TUDU**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **76 %**

Online Assignments	24.72/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632260

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551632252

To  
HIGHERLY ENGINEERING & TECHNOLOGY COLLEGE  
HODSHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATHEMESH CHAKRABORTY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **45** %

Online Assignments	24.00/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632252

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551632246

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMRANGEE SARKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **49** %

Online Assignments	24.59/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632246

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551632186

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MONISH KUMAR BAIRAGI**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **80** %

Online Assignments	24.63/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551632186

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551631887

To  
HOODLI ENGINEERING & TECHNOLOGY COLLEGE  
HOODLI

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.25/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631887

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551631725

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITTIKA GHOSH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **62** %

Online Assignments	24.53/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631725

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551631701

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AISHIK SIKDAR**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **77** %

Online Assignments	24.28/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631701

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551631695

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SIMRAN KUMARI**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.94/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19CS09551631642

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH NEOGI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **49** %

Online Assignments	19.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631642

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551631635

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANGITA PARUI**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **80** %

Online Assignments	24.53/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631635

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551631628

To  
HODDISHLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDISHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN CHAKRABORTY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631628

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551631495

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BRIJESH JHA**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	24.66/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631495

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551631308

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK MALICK**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **50** %

Online Assignments	24.22/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631308

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551631226

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT ROY**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **75 %**

Online Assignments	24.34/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631226

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551631058

To  
HOUSHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOUSHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHAITALI ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **63** %

Online Assignments	23.91/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551631058

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551630149

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRINMOY DEB**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **53** %

Online Assignments	24.13/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19CS09551560177

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH DUTTA**

for successfully completing the course

### Joy of Computing Using Python

with a consolidated score of **42 %**

Online Assignments	24.28/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560177

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560163

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANIKET CHAKRABORTY**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **77** %

Online Assignments	24.59/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560163

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560073

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JYOTISHKA SAHA**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **76** %

Online Assignments	23.81/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560073

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551560067

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANINDYA SARKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.44/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560067

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551560059

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ELISHA GHOSH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **71** %

Online Assignments	23.44/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560059

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560055

To  
SHUBHANKAR DUBEY  
QUARTER NO-L/142,SUNDIA HOUSING  
ESTATE,GOLGHAR,PO-JAGATDAL, PIN  
CODE-743125  
JAGATDAL  
NORTH 24 PARGANAS  
WEST BENGAL  
743125  
PH. NO :8910721288

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUBHANKAR DUBEY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	24.41/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560055

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560053

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHRADEEP PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **64** %

Online Assignments	23.97/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560053

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560049

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHRANGSHU MUHURY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.41/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560049

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551560047

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN SEN**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **61** %

Online Assignments	23.97/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560047

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551560044

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOULIK DAS**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **77 %**

Online Assignments	24.69/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560044

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560042

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**OINDRILA BHATTACHARYYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	24.38/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560042

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551560020

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUKANYA BHATTACHARYYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **49** %

Online Assignments	15.72/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551560020

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430281

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANDIP SARKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	24.69/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430281

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430271

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TANAJIT PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	21.25/25	Proctored Exam	22.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL19CS09551430267

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMYADIP DUTTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **47** %

Online Assignments	21.38/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430267

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430255

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KHUSHI KUMARI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	22.69/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430255

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430249

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MANEM SHYAM SUNDOR RAO**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **40** %

Online Assignments	20.41/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430249

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430245

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWARNABHA SARKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	24.59/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430245

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430243

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMBIT SAHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **58** %

Online Assignments	24.56/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430243

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430241

To  
GODHULY ENGINEERING & TECHNOLOGY COLLEGE  
GODHULY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GODHULI SARKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **73** %

Online Assignments	24.66/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430241

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430233

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHANDRIMA BHATTACHARYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **48** %

Online Assignments	23.84/25	Proctored Exam	24/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430233

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430231

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWAGATA ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **42** %

Online Assignments	24.13/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430231

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430229

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RANODIP PRAMANIK**

for successfully completing the course

### Joy of Computing Using Python

with a consolidated score of **46** %

Online Assignments	15.63/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430229

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430227

To  
HOUSHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOUSHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK SANTRA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	23.84/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430227

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430223

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAUMIN DUTTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **71** %

Online Assignments	24.59/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430223

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430215

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITAM PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	24.53/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430215

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430211

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **71** %

Online Assignments	24.31/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430211

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430209

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MD ANZAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **45** %

Online Assignments	24.34/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430209

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430207

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMAN KARMAKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **66** %

Online Assignments	24.44/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430207

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430205

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BISWAJIT KUNDU**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	24.13/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430205

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430203

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOVAN PATRA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.63/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430203

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430193

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAMITI HALDAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **50** %

Online Assignments	24.72/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430193

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430191

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINU PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	24.63/25	Proctored Exam	19.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430191

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430189

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAUL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **53** %

Online Assignments	24.63/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL19CS09551430187

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT MUKHERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **64** %

Online Assignments	24.53/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430187

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430183

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TAPAS KUMAR SAHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	24.69/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430183

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430181

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SOMOSHREE DEY**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **42** %

Online Assignments	24.19/25	Proctored Exam	18/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19CS09551430179

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ADITI BANDYAPADHYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.22/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras







Roll No: NPTEL19CS09551430177

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARJUN POREY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.75/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430177

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430173

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SIDDHARTHA DEY**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **50** %

Online Assignments	24.22/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430173

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430171

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBJIT DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.59/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19CS09551430167

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KUNDAN MUKHERJEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.53/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430167

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430155

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUKANTA KARMAKAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **66** %

Online Assignments	24.31/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430155

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430151

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN BARULI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	23.31/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430151

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430147

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KUNTAL NASKAR**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **76** %

Online Assignments	23.19/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430147

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430139

To  
HIGHERLY ENGINEERING & TECHNOLOGY COLLEGE  
HODSHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**AMIT KUMAR SHAW**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.28/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430139

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430135

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATYUSH SAXENA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **42** %

Online Assignments	24.31/25	Proctored Exam	18/75
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Total number of candidates certified in this course: **9034**

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430135

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430133

To  
HOUSHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOUSHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK CHANDRA DAS**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **77** %

Online Assignments	24.44/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430133

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551430129

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN SAHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **52** %

Online Assignments	23.81/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430129

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430127

To  
HOUSHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOUSHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TOUSIF AHAMED**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **45** %

Online Assignments	24.19/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430127

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430123

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SNEHIL PRAKASH**  
for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	24.28/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430123

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430121

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN BAG**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **52** %

Online Assignments	24.75/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430121

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430117

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADIP BASU MALLICK**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **57** %

Online Assignments	23.94/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430117

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430115

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JASMEET KAUR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **61** %

Online Assignments	23.81/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430115

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430113

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUNIL KUMAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **57** %

Online Assignments	24.25/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430113

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430109

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SATAVISA DATTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.72/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430109

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430105

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**DEVLINA BISWAS**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.28/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19CS09551430103

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUSMITA ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **53** %

Online Assignments	24.34/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430103

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430101

To  
HIGHERLY ENGINEERING & TECHNOLOGY COLLEGE  
HIGHERLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANUSREE DEY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **64** %

Online Assignments	24.88/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430101

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430099

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHOJIT MUKHERJEE**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	24.75/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430099

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430097

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.72/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430097

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430093

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MEHULI DAS**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **76 %**

Online Assignments	24.88/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430093

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430091

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAIKAT MUKHOPADHYAY**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **79** %

Online Assignments	23.59/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430091

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430089

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **57** %

Online Assignments	23.88/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430089

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430085

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRITUNJAY GIRI**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	24.81/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430085

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430083

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**ASHIS KUMAR SHAW**

*for successfully completing the course*

## Joy of Computing Using Python

with a consolidated score of **59** %

Online Assignments	24.84/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430083

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430081

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAYANI DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	24.94/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430081

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430079

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANI SAMANTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **44** %

Online Assignments	24.56/25	Proctored Exam	19.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430079

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551430077

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRI DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	24.53/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430077

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430075

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SARTHAK SRIVASTAVA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.63/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430075

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430073

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA MONDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **49** %

Online Assignments	23.25/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430073

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430069

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHIVANI RAUT**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **83** %

Online Assignments	24.84/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430069

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430067

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHASWATA DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **71** %

Online Assignments	24.78/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430067

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430065

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN KAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **48** %

Online Assignments	23.84/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430065

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430063

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHILPI SAHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **73** %

Online Assignments	24.78/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430063

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430061

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DHANANJAY GIRI**

for successfully completing the course



## Joy of Computing Using Python

with a consolidated score of **78 %**

Online Assignments	25.00/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430061

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430057

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA DATTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **58** %

Online Assignments	24.78/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430057

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS09551430055

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TARUN KUMAR PANDEY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	23.88/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430055

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430053

To  
HIGHERLY ENGINEERING & TECHNOLOGY COLLEGE  
HODSHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJEET SAMANTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	20.44/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430053

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430045

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMODIP GHOSH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **57** %

Online Assignments	24.31/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430045

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430043

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TANUSHREE BIBAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **61** %

Online Assignments	24.56/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430043

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430041

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUVAM SAHA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	24.63/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430041

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430037

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARANYAK DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **73** %

Online Assignments	24.84/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430037

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551430031

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADEEP ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.53/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430031

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19CS09551430029

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TIRTHANKAR BAISYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **64** %

Online Assignments	21.50/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430029

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430027

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHIT ROY**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	24.44/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **9034**

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430027

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430025

To  
KINGSHUK ENGINEERING & TECHNOLOGY COLLEGE  
HODSHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KINGSHUK KIRTANIA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **48** %

Online Assignments	23.94/25	Proctored Exam	24/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430025

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430023

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITTIK GHOSH**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **51** %

Online Assignments	24.31/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430023

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430021

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MAJHI**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **54** %

Online Assignments	24.22/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430021

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430019

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRIYAJIT BHATTACHARYYA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **56** %

Online Assignments	23.38/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430019

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430017

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUVRO SNIGDHO DUTTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	24.31/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430017

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430013

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAGARIKA MONDAL**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **53** %

Online Assignments	24.44/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430013

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430011

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VIVEK KR GUPTA**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	24.88/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430011

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430009

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK DAS**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **63** %

Online Assignments	24.41/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430009

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19CS09551430005

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRY SAMADDAR**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **65** %

Online Assignments	24.38/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430005

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551430003

To  
HOODLY ENGINEERING & TECHNOLOGY COLLEGE  
HOODLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SNAHASIS BARAT**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **68** %

Online Assignments	21.63/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551430003

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CS09551040077

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RUBAIZ SIDDIQUEE**

for successfully completing the course

## Joy of Computing Using Python

with a consolidated score of **61** %

Online Assignments	24.72/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09551040077

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19EE04S61430016

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMONA KARMAKAR**

for successfully completing the course

## Fundamentals of Semiconductor Devices

with a consolidated score of **40** %

Online Assignments	14.69/25	Proctored Exam	25/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 325

Prof. G. L. Sivakumar Babu  
Chairman, Center for Continuing Education  
IISc Bangalore

Jan-Apr 2019  
(12 week course)

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore







Roll No: NPTEL19CS07551430166

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DINESH GHOSH**

for successfully completing the course

### Programming in Java

with a consolidated score of **47** %

Online Assignments	8.25/25	Proctored Exam	39/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 8377

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS07551430166

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19CS07551430158

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMESWAR PAL**

for successfully completing the course

### Programming in Java

with a consolidated score of **56** %

Online Assignments	19.66/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 8377

Jan-Apr 2019  
(12 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS07551430158

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS07551430150

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITAM REJ**

for successfully completing the course

## Programming in Java

with a consolidated score of **71** %

Online Assignments	18.78/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 8377

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS07551430150

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19CS12S41430100

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABINASH MANDI**

for successfully completing the course

## Data Base Management System

with a consolidated score of **59** %

Online Assignments	15.88/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **4749**

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS12S41430100

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19EE18551430046

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

1/2125



No. of credits recommended by NPTEL:1



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT BHARDWAJ**

for successfully completing the course

## Electric Vehicles - Part 1

with a consolidated score of **66** %

Online Assignments	22.50/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1926

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Feb-Mar 2019  
(4 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE18551430046

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19CE01S31560034

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2123



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV BISWAS**

for successfully completing the course

## Soil Mechanics / Geotechnical Engineering I

with a consolidated score of **48** %

Online Assignments	22.81/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 988

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CED1S31560034

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19EE25541430096

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWAGATA MALLIK**

for successfully completing the course

## CMOS Digital VLSI Design

with a consolidated score of **73** %

Online Assignments	22.46/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1119**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019  
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE25541430096

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19EE25541430041

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**WRITI MITRA**

for successfully completing the course



## CMOS Digital VLSI Design

with a consolidated score of **84** %

Online Assignments	22.46/25	Proctored Exam	61.22/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1119**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019  
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19EE25541430041

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632952

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RISHIRAJ BAGCHI**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **70** %

Online Assignments	22.21/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632952

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632883

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MARICK**

for successfully completing the course



## Ethics in Engineering Practice

with a consolidated score of **80** %

Online Assignments	21.92/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. GOSWAMI  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632883

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561632811

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**DEBABRATA BISWAS**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.21/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632811

To validate and check scores: <http://npTEL.ac.in/moc>





Roll No: NPTEL19MG03561632802

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**RUPAYAN BISWAS**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	22.79/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632802

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561632763

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **65** %

Online Assignments	21.13/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632763

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632664

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BRIJESH JHA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **67** %

Online Assignments	22.21/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632664

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632469

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AISHIK SIKDAR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **70** %

Online Assignments	21.96/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632469

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632460

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHAITALI ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **69** %

Online Assignments	22.21/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632460

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561632457

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMAN JANA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	23.88/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632457

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632442

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIDISHA JANA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	23.04/25	Proctored Exam	16.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632442

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561632430

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHAN MUKHERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	22.50/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632430

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561632400

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWETA LILY TUDU**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.21/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632400

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561632394

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMRANGEE SARKAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **52** %

Online Assignments	23.04/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632394

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561632388

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SIMRAN KUMARI**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	22.79/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632388

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561632329

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.54/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632329

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561632285

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MONISH KUMAR BAIRAGI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	22.79/25	Proctored Exam	22.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561632285

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561631597

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK MALICK**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	24.42/25	Proctored Exam	18/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561631597

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561631414

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITTIKA GHOSH**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.50/25	Proctored Exam	17.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561631414

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561631001

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH NEOGI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	22.79/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561631001

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561630829

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANGITA PARUI**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **65** %

Online Assignments	21.92/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630829

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561630716

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN CHAKRABORTY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.50/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630716

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561630554

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB PAUL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	15.83/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630554

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561630442

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARINDAM SAHA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	17.79/25	Proctored Exam	22.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630442

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03561630234

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMYA BANERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.46/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630234

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561630050

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRINMOY DEB**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	24.42/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561630050

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561560126

To  
SHUBHANKAR DUBEY  
QUARTER NO-L/42, SUNDIA HOUSING  
ESTATE, GOLGHAR, PO JAGATDAL, PIN  
CODE-743125  
JAGATDAL  
NORTH 24 PARGANAS  
WEST BENGAL  
743125  
PH. NO :8910721288



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SHUBHANKAR DUBEY**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	21.96/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560126

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561560099

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AKASH DUTTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	23.00/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560099

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561560060

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOULIK DAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.50/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560060

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561560058

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANIKET CHAKRABORTY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	21.67/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560058

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561560042

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**OINDRILA BHATTACHARYYA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	23.00/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560042

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561560038

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANINDYA SARKAR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	21.96/25	Proctored Exam	38.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560038

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561560034

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHRADEEP PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	23.88/25	Proctored Exam	22.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560034

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561560032

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN SEN**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	20.83/25	Proctored Exam	19/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560032

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03561560022

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHRANGSHU MUHURY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	22.79/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560022

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561560018

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**JYOTISHKA SAHA**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	17.75/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560018

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561560016

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ELISHA GHOSH**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	17.50/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561560016

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430250

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN SAHA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	24.13/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430250

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430249

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA DATTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **52** %

Online Assignments	20.83/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430249

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03561430246

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMIT KUMAR SHAW**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.79/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430246

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430245

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYUSH KUMAR SINGH**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **56** %

Online Assignments	21.92/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430245

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430243

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK CHANDRA DAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	22.25/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430243

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430241

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEVLINA BISWAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	22.79/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430241

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430229

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SARTHAK SRIVASTAVA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	23.33/25	Proctored Exam	24/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430229

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03561430227

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAGARIKA MONDAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	22.79/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430227

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430225

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA MONDAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	22.83/25	Proctored Exam	21/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430225

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430215

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUVAM SAHA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	23.63/25	Proctored Exam	16.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430215

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430213

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWARNABHA SARKAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.79/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430213

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430209

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMBIT SAHA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **63** %

Online Assignments	24.42/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430209

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430207

To  
HODDLY ENGINEERING & TECHNOLOGY COLLEGE  
HODDLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GODHULI SARKAR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **63** %

Online Assignments	24.42/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430207

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430205

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYANI SAMANTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	23.33/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430205

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430203

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**ASHIS KUMAR SHAW**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	21.96/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430203

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561430201

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JASMEET KAUR**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	22.25/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430201

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430199

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RANODIP PRAMANIK**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	14.71/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430199

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430197

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SWAGATA ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	22.50/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430197

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430195

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHANDRIMA BHATTACHARYA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	22.46/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430195

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430193

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUKANTA KARMAKAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	23.58/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430193

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430191

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOUSHIK SANTRA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **52** %

Online Assignments	23.04/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430191

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430189

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAUMIN DUTTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	23.58/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430189

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03561430183

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**OINDRILA DUTTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	22.50/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430183

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430179

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAIKAT MUKHOPADHYAY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	20.54/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430179

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430175

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SNAHASIS BARAT**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	22.21/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430175

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430173

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRITAM PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	23.33/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. GOSWAMI  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430173

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430171

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	23.08/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430171

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430169

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MD ANZAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.50/25	Proctored Exam	17/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430169

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430167

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUNIL KUMAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.79/25	Proctored Exam	17.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430167

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561430165

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUMAN KARMAKAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	23.58/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430165

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430161

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TARUN KUMAR PANDEY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	24.13/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430161

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561430159

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VIVEK KR GUPTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	21.67/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430159

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561430157

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BISWAJIT KUNDU**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.79/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430157

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430155

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOVAN PATRA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	24.17/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430155

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430151

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT MUKHERJEE**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	23.33/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430151

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430149

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TAPAS KUMAR SAHA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	20.79/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430149

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430147

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TIRTHANKAR BAISYA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	17.00/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430147

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430145

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SOMOSHREE DEY**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	22.50/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430145

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430141

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHIT ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	21.96/25	Proctored Exam	38.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430141

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430139

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**ARKADIP BASU MALLICK**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **52** %

Online Assignments	22.21/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430139

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430127

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN MAJHI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	23.04/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430127

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430125

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJEET SAMANTA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.75/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430125

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561430117

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBJIT DAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **56** %

Online Assignments	23.04/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430117

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430111

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHILPI SAHA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	23.04/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430111

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430109

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AYAN BAG**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **43** %

Online Assignments	23.04/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430109

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430105

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ADITI BANDYAPADHYA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	23.04/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430105

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430103

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAUL**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430103

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430101

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.79/25	Proctored Exam	17/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430101

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430097

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN BARULI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	24.42/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430097

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430091

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARJUN POREY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	22.21/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430091

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430089

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRAMITI HALDAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	23.33/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430089

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430087

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRIYAJIT BHATTACHARYYA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	24.13/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430087

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561430085

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMYAJIT PRAMANIK**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	23.58/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430085

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430083

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAYANI DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	21.92/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430083

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430079

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KUNTAL NASKAR**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	23.04/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430079

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430075

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINU PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **41** %

Online Assignments	23.08/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430075

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430071

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	23.33/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430071

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430065

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MEHULI DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	22.25/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430065

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430063

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SATAVISA DATTA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430063

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430061

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**DHANANJAY GIRI**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	24.13/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430061

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561430053

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARANYAK DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.50/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430053

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430049

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUSMITA ROY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	23.04/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430049

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430047

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITAM MONDAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	21.67/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430047

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03561430043

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUMODIP GHOSH**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	21.67/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430043

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430041

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANUSREE DEY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **69** %

Online Assignments	23.88/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430041

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430039

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAYAN KAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	23.58/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430039

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430037

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRI DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **56** %

Online Assignments	22.75/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430037

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03561430031

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRATYUSH SAXENA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **53** %

Online Assignments	21.92/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430031

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430029

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**KINGSHUK KIRTANIA**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	24.42/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430029

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03561430027

To  
HODDHL ENGINEERING & TECHNOLOGY COLLEGE  
HODDHL

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUVRO SNIGDHO DUTTA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **75** %

Online Assignments	24.42/25	Proctored Exam	50.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430027

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430023

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARITRY SAMADDAR**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	21.92/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430023

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430021

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHIVANI RAUT**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.79/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. GOSWAMI  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430021

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03561430019

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKADEEP ROY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	22.50/25	Proctored Exam	17/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430019

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430017

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MRITUNJAY GIRI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	24.13/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430017

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430011

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TANUSHREE BIBAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **41** %

Online Assignments	22.75/25	Proctored Exam	18/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430011

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03561430005

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITTIK GHOSH**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	23.08/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430005

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03561430003

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SIDDHARTHA DEY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **45** %

Online Assignments	22.17/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03561430003

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03551633007

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHUVOMOY DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	10.00/25	Proctored Exam	29.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551633007

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551632527

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2121



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SACHIN JAISWAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **55** %

Online Assignments	23.58/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551632527

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551632040

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**ARKOJYOTI PAL**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **41** %

Online Assignments	9.71/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551632040

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551631748

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIP BISWAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	23.29/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551631748

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551630933

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TINA ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **71** %

Online Assignments	24.17/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551630933

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03551560197

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUDARSHAN LODH**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	24.42/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. GOSWAMI  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551560197

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551560005

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBARGHYA MUKHERJEE**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.50/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551560005

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430282

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MILAN CHANDRA MURMU**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	23.33/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430282

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430274

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KAMINI HALDER**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42** %

Online Assignments	24.42/25	Proctored Exam	18/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430274

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430266

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARIJIT GARANG**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	23.58/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430266

To validate and check scores: <http://nptel.ac.in/mc>





Roll No: NPTEL19MG03551430264

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATRI BISWAS**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	23.88/25	Proctored Exam	36/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430264

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430262

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ATANU ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	23.04/25	Proctored Exam	21/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430262

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430260

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAVANA KHATUN**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **48** %

Online Assignments	21.38/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430260

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551430254

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARGHYA BHATTACHERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	21.96/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430254

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03551430250

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVONIK MUKHERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	7.21/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430250

To validate and check scores: <http://nptel.ac.in/mcc>





Roll No: NPTEL19MG03551430248

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB KUMAR MONDAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **40** %

Online Assignments	18.33/25	Proctored Exam	22/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430248

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430246

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBYANI DAWN**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	23.04/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430246

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430242

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**JAYANTA DHALI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	22.21/25	Proctored Exam	27/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430242

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551430240

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA NANDI**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **41** %

Online Assignments	12.21/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430240

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430238

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHANKAR MALAKAR**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	22.25/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430238

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03551430236

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYANTA MONDAL**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **42 %**

Online Assignments	22.54/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No: NPTEL19MG03551430234

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIMAN MIDDYA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **44** %

Online Assignments	24.13/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430234

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430232

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BUDHADITYA MUKHERJEE**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54 %**

Online Assignments	22.50/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430232

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430230

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DIPANJAN MONDAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	23.04/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430230

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430228

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB DEY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	22.50/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430228

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19MG03551430224

To  
HODDHLI ENGINEERING & TECHNOLOGY COLLEGE  
HODDHLI

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA CHAKRABORTY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	24.17/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430224

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551430220

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABHRADEEP DAS**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **49** %

Online Assignments	20.83/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430220

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430214

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BIRENDRA SHAW**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	23.04/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430214

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430208

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBDUT ROY**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	22.75/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430208

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551430206

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOMNATH CHAKRABORTY**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **58** %

Online Assignments	23.63/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430206

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03551430200

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SAYANI SWARNAKAR**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **46** %

Online Assignments	21.67/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430200

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430188

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

1/2125



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AKASH CHATTERJEE**  
for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **54** %

Online Assignments	22.21/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430188

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19MG03551430182

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA GUHA**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	23.04/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430182

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430156

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOUVIK PAL**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	24.42/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430156

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MG03551430148

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAYU SENGUPTA**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **65** %

Online Assignments	21.92/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430148

To validate and check scores: <http://npTEL.ac.in/mcc>





Roll No: NPTEL19MG03551430140

To HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARPAN MANDAL**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	22.54/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430140

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430122

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARITRO CHATTERJEE**

for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **66** %

Online Assignments	22.79/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430122

To validate and check scores: <http://nptel.ac.in/mcc>



Roll No: NPTEL19MG03551430048

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MOHIBUL AKTAR MOLLAH**

for successfully completing the course

### Ethics in Engineering Practice

with a consolidated score of **47** %

Online Assignments	23.04/25	Proctored Exam	24/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430048

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MG03551430002

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SAYAN DAS**

*for successfully completing the course*

### Ethics in Engineering Practice

with a consolidated score of **50** %

Online Assignments	24.42/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1721

Feb-Apr 2019  
(8 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG03551430002

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19EE01541430150

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**INDRANI KOLEY**

for successfully completing the course

## Electrical Machines - II

with a consolidated score of **42** %

Online Assignments	10.50/25	Proctored Exam	31.25/75
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Total number of candidates certified in this course: 443

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE01541430150

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19CS31541430139

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHOJIT MALIK**

for successfully completing the course



## Introduction to Internet of Things

with a consolidated score of **94** %

Online Assignments	24.78/25	Proctored Exam	69/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 5439

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS31541430139

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19MA15541631023

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL:3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**TUSHAR SUREKA**

for successfully completing the course

### Introduction to Automata, Languages and Computation

with a consolidated score of **49** %

Online Assignments	6.28/25	Proctored Exam	42.86/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 850

Jan-Apr 2019  
(12 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA15541631023

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19MA15531430210

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ABHINANDAN THAKUR**

for successfully completing the course

### Introduction to Automata, Languages and Computation

with a consolidated score of **40** %

Online Assignments	13.59/25	Proctored Exam	25.94/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 850

Jan-Apr 2019  
(12 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA15531430210

To validate and check scores: <http://npTEL.ac.in/moc>



Roll No: NPTEL19EE09S31430165

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SOURAV ROY**

for successfully completing the course

### Digital Electronic Circuits

with a consolidated score of **40** %

Online Assignments	12.84/25	Proctored Exam	27.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 922

Jan-Apr 2019  
(12 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE09S31430165

To validate and check scores: <http://nptel.ac.in/moc>



Roll No: NPTEL19EE02541430016

To  
HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE  
HOOGHLY

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

1/2125



No. of credits recommended by NPTEL: 3



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUDIP KUMAR ADHIKARY**

for successfully completing the course

### Power System Engineering

with a consolidated score of **45** %

Online Assignments	16.03/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 509

Jan-Apr 2019  
(12 week course)

*A. Goswami*  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE02541430016

To validate and check scores: <http://nptel.ac.in/moc>





Roll No: NPTEL19EE10521490006

To

ARKA CHATTOPADHYAY  
SIDDHESWARJI APARTMENT, MORAN ROAD  
CHANDANNAGAR  
HOOGHLY  
WEST BENGAL  
712137  
PH. No. 9163966252

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARKA CHATTOPADHYAY**

for successfully completing the course

### Analog Circuits

with a consolidated score of **42** %

Online Assignments	17.67/25	Proctored Exam	24/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **653**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
(IIT Bombay)

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay





Roll No: NPTEL19EE10521340021

To

SUMONA KARMAKAR  
SARINARA EYE LANE #10 - CHANDANAGAR  
CHANDANAGAR  
HOOGHLY  
WEST BENGAL  
712136  
PH. NO. 9801989483

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:2



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**SUMONA KARMAKAR**

*for successfully completing the course*

### Analog Circuits

with a consolidated score of **53** %

Online Assignments	16.83/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **653**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19EE10521340021

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19EE26521490067

To

SUBHAJIT ROY  
DAVID MANOR APARTMENT, BLOCK-1, 3RD  
FLOOR, ARHANSABAZAR  
CHINSURAH  
HOOGHLY  
WEST BENGAL  
712101  
PH. NO : 9432981288

Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUBHAJIT ROY**

for successfully completing the course

## Introduction to Coding Theory

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **216**

*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Mar 2019  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE26521490067

To validate and check scores: <http://npTEL.ac.in/mcc>



Roll No: NPTEL19EE26521340053

To  
MADHUMITA DATTA  
C/O SRI S.K.DATTA  
SARAT PARK  
KOTA  
HOSHLY  
WEST BENGAL  
712104  
PH. NO :9433120238

Score	Type of Certificate
>=80	Elite+Gold
75-80	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MADHUMITA DATTA**

for successfully completing the course

## Introduction to Coding Theory

with a consolidated score of **62** %

Online Assignments	24.17/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **216**

*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Mar 2019  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE26521340053

To validate and check scores: <http://npTEL.ac.in/mcc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83551010114

To  
SUBHANKAR GHOSH  
S/A S.T. ROAD, NAWGA MORE, SERAMPORE,  
HOOGHLY - PIN- 712203  
SERAMPORE  
HOOGHLY  
WEST BENGAL - 712203  
PH. NO : 9459038412



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SUBHANKAR GHOSH**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **85** %

Online Assignments	24.38/25	Programming Exam	25/25	Proctored Exam	36/50
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Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83551010114

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83561010034

To  
SUBHAM PAL  
#2/2) N. C. GHOSH SARANI  
SHEORAPHULI  
HOOGHLY  
WEST BENGAL - 712223  
PH. NO :7944767983



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SUBHAM PAL**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **80** %

Online Assignments	24.03/25	Programming Exam	25/25	Proctored Exam	31.25/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83561810145

To  
SOUABHA BANERJEE  
3/2D RAM TIRAN BHATTACHARYA LANE  
KRIRDAH  
KOLKATA  
WESTBENGAL - 700057  
PH. NO. 9123315828



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SOUABHA BANERJEE**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **83** %

Online Assignments	24/25	Programming Exam	25/25	Proctored Exam	34.38/50
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Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83561010036

To  
TAPOLABHDHA PAL  
35 BK.S.G.T ROAD, BHADRAKALL, HOOGHLY  
UTTARPARA  
HOOGHLY  
WEST BENGAL - 712232  
PH. NO : 9740995555



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**TAPOLABHDHA PAL**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **83** %

Online Assignments	24.66/25	Programming Exam	25/25	Proctored Exam	33.34/50
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Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83551010008

To  
ADITYA KUMAR SHARMA  
KINJAL APARTMENT (2 NETAJI SURHAS ROAD)  
LILUAN, HOWRAH  
HOWRAH  
WEST BENGAL - 711204  
PH. NO : 877254988



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**ADITYA KUMAR SHARMA**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **73** %

Online Assignments	24.69/25	Programming Exam	25/25	Proctored Exam	23.67/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83551010008

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83561010086

To  
SAMPURNA MALLICK  
KAMANPURA ROAD MARKUNDAAGOLI  
CHINSURAH, HOOGHLY  
WEST BENGAL - 712101  
PH. NO. 8240662191



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SAMPURNA MALLICK**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **69** %

Online Assignments	24.28/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83561010086

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20CS83561810175

To  
SOUVIK KUNDU  
31, NILGUNJ ROAD  
PIYALI APARTMENT, FLAT NO.- 15,  
BELGHORIA  
NORTH 24 PARGANAS,  
WEST BENGAL - 700056  
PH. NO :9874823648



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SOUVIK KUNDU**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 5563



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83561810175

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83551010099

To  
DIPANKAR BANERJEE  
CHOTKHANDA  
PURBA PARRA  
CHOTKHANDA  
WEST BENGAL - 713146  
PH. NO. 9134817414



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**DIPANKAR BANERJEE**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **69** %

Online Assignments	24/13/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 5563



*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83551010099

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83561010044

To  
POUSHALI MANNA  
191/A, C.S. MUKHERJEE STREET,  
KONNAGAR  
HOOGHLY  
WEST BENGAL - 712235  
PH. NO 0817257158



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**POUSHALI MANNA**

for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **93** %

Online Assignments	24.44/25	Programming Exam	25/25	Proctored Exam	43.75/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 5563

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83551730000

To  
SUMIT KARMAKAR  
2ND GOBINDANAGAR  
ARADANPUR  
NADIA  
WEST BENGAL - 741245  
PH. NO :9330550549



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**SUMIT KARMAKAR**

for successfully completing the course

### The Joy of Computing using Python

with a consolidated score of **69** %

Online Assignments	19.56/25	Programming Exam	25/25	Proctored Exam	24/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 5563



Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83551730000

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83551010110

To  
DWAIPAYAN BISWAS  
GOALTULLI SILBAGAN, PEARABAGAN ROAD  
WEST BENGAL - 712103  
PH. NO :7428325734



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DWAIPAYAN BISWAS**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	24.78/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **5563**

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Sep-Dec 2020  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS83551010110

To validate and check scores: <https://nptel.ac.in/noc/>



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Roll No: NPTEL20EE80531810492

To  
KRISHNADITYA SAHA  
BIS, CHOWDHURY PARK ROAD, NEAR BAKUN  
TOWER  
BAHARA, KHARDAHA  
KOLKATA  
WEST BENGAL - 700118  
PH. NO :8282982241



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KRISHNADITYA SAHA**  
for successfully completing the course

### Power System Protection and Switchgear

with a consolidated score of **57** %

Online Assignments	18.08/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 309

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Sep-Nov 2020  
(8 week course)

Prof. Indradeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL20CS66581010172

To  
DEBABRATA BISWAS  
NEAR TECHNO INDIA GROUP SCHOOL,  
DHARAMPUR TANTIPARA  
CHINDURAH  
WEST BENGAL - 712101  
PH. NO :8420712838



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DEBABRATA BISWAS**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	24.13/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4785

Prof. G P Raja Sekhar  
Dean, Continuing Education,  
IIT Kharagpur

Sep-Dec 2020  
(12 week course)

Prof. Debajit Chakraborty  
Coordinator NPTEL,  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS66581010172

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20CE44541730019

To

OINDRILA BHATTACHARYYA  
B. SADDOPPE PARA ROAD,  
BHATPARA, PIN-743123, N 24 PGS  
B. SADDOPPE PARA ROAD, BHATPARA, PIN-  
743123, N 24 PGS  
BHATPARA  
WEST BENGAL - 743123  
PH. NO :9433757235



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**OINDRILA BHATTACHARYYA**

for successfully completing the course

## Project Planning & Control

with a consolidated score of **67** %

Online Assignments	23.58/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44541730019

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL20CE44541010053

To  
DEBDUT ROY  
4/D DUTTAPARA LANE BHADRA KALI HOOGHLY  
4/D DUTTAPARA LANE BHADRAKALI  
UTTARPARA  
WEST BENGAL - 712252  
PH. NO -9830527991



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEBDUT ROY**

for successfully completing the course

## Project Planning & Control

with a consolidated score of **60** %

Online Assignments	23.04/25	Proctored Exam	37/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44541010053

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010039

To  
CHIRANJEEB KUNDU  
CHATRA BOWBAZAR  
CHATRA BOWBAZAR SHIBTALA BYLAME  
SERAMPORE  
WEST BENGAL - 712204  
PH. NO :9877726250



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**CHIRANJEEB KUNDU**  
for successfully completing the course

### Project Planning & Control

with a consolidated score of **57** %

Online Assignments	22.79/25	Proctored Exam	34.5/75
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Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





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Roll No: NPTEL20CE44531010011

To  
GODHULI SARKAR  
3, DIGAMBER BHOWAL ROAD  
CHAKAMPUR, CHENGURAH,  
HOOGHLY  
WEST BENGAL - 712101  
PH. NO. -6290027873



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**GODHULI SARKAR**

for successfully completing the course

## Project Planning & Control

with a consolidated score of **68** %

Online Assignments	24.42/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44531010011

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44531810126

To

AMAN KUMAR  
ASHA KUNJ - SHAHD ADHRAM ROAD  
NEAR KALI SHAKTI PITH GALLI, KARMINNO,  
DEOGHAR  
JHARKHAND - 814112  
PH. NO : 9809415868



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

### Project Planning & Control

with a consolidated score of **57** %

Online Assignments	24.42/25	Proctored Exam	33/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010036

To

BIPLABJYOTI MANDOL  
SWASTI ANATI, HALDARBAGAN, (NEAR  
DURGAMANDIR), PEARABAGAN ROAD  
PO: CHINSURAH, DIST.- HOOGHLY, 712101  
CHINSURAH  
WEST BENGAL - 712101  
PH. NO : 7044218462



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIPLABJYOTI MANDOL**  
for successfully completing the course

### Project Planning & Control

with a consolidated score of **58** %

Online Assignments	23.83/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010062

To

KUNTAL NASKAR  
DAKSHIN RAJYADHARPUR AMULYAKANAH  
SERAMPUR  
HOOGHLY  
WEST BENGAL - 712203  
Ph. No : 7980225821



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KUNTAL NASKAR**

for successfully completing the course

## Project Planning & Control

with a consolidated score of **66** %

Online Assignments	23.63/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44541010062

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010074

To  
SAYAN MUKHERJEE  
FALLA ROAD  
FALLA ROAD RS  
PURBA BARDHAMAN  
WEST BENGAL - 713151  
PIN NO - 713032/3232



Score	Type of Certificate
=+90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYAN MUKHERJEE**

for successfully completing the course

### Project Planning & Control

with a consolidated score of **54** %

Online Assignments	23.88/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010002

To

BARSAN PAL  
VILLAGE AND POST BEGAMPUR TILPARRA, PS  
CHANDITALA,  
DIST HOOGHLY,  
BEGAMPUR  
WEST BENGAL - 712306  
PIN NO: 9296271278



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

### Project Planning & Control

with a consolidated score of **54** %

Online Assignments	24.13/25	Proctored Exam	30/75
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Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010073

To  
SAYAK KUMAR KHANRA  
B1(53), SHIBTALA LANE, CHATRA, BOMBAYAR  
PO. CHATRA, P.S. SERAMPORE, DIST-  
HOOGHLY, PIN-712204  
SERAMPORE  
WEST BENGAL - 712204  
PH. NO. 8564982906



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYAK KUMAR KHANRA**  
for successfully completing the course



### Project Planning & Control

with a consolidated score of **75** %

Online Assignments	24.42/25	Proctored Exam	50.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010067

To  
BUDHADITYA MUKHERJEE  
17, RAJA RAMMOHAN ROY SARANI, SERAMPORE,  
17, RAJA RAMMOHAN ROY SARANI, SERAMPORE,  
HOOGHLY,  
SERAMPORE  
WEST BENGAL - 712203  
PH. NO :9851754668



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BUDHADITYA MUKHERJEE**  
for successfully completing the course

### Project Planning & Control

with a consolidated score of **55** %

Online Assignments	23.92/25	Proctored Exam	31.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541810379

To  
RISHIRAJ BAGCHI  
276/A KAMRISHINA NAGAR, P/O - LADGARPUR  
KAMRISHINA PARK  
KOLKATA  
WEST BENGAL - 700153  
PH. NO -9123334641



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**RISHIRAJ BAGCHI**

for successfully completing the course



## Project Planning & Control

with a consolidated score of **89** %

Online Assignments	24.17/25	Proctored Exam	64.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44541810379

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE44541010076

To

SWARNABHA SARKAR  
29 PINK BANERJEE LANE PO. - CHATRA,  
SERAMPORE, DIST. - HOOGHLY, PIN - 712204  
WEST BENGAL - 712204  
PH. NO :7439518264



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SWARNABHA SARKAR**  
for successfully completing the course

## Project Planning & Control

with a consolidated score of **66** %

Online Assignments	24.42/25	Proctored Exam	42/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 518

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44541010076

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG44571010071

To

DWAIPAYAN BISWAS  
GOALTULLI SILBAGAN, FEARRABAGAN ROAD  
WEST BENGAL - 712100  
PIN NO :7420325736



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DWAIPAYAN BISWAS**  
for successfully completing the course

## Ethics in Engineering Practice

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1013

Prof. G P Raja Sekhar  
Dean, Continuing Education,  
IIT Kharagpur

Sep-Nov 2020  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator NPTEL,  
IIT Kharagpur



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35521010022

To  
SUPARNA DAS  
DHARAMPOR, TANTIPARA,  
PO-CHINSURAH, DIST-HOOGHLY  
CHINSURAH  
WEST BENGAL - 712101  
PH. NO -9674589367



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SUPARNA DAS**

for successfully completing the course

**Entrepreneurship**

with a consolidated score of **56** %

Online Assignments	20.84/25	Proctored Exam	35.25/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35511010023

To  
ARITRO CHATTERJEE  
T10 N.C. GHOSH SARANI, SHEODHAPALLI,  
HOOGHLY  
WEST BENGAL - 712223  
PH. NO: 9163228115



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARITRO CHATTERJEE**  
for successfully completing the course



## Entrepreneurship

with a consolidated score of **75** %

Online Assignments	20.59/25	Proctored Exam	54.75/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MG35511010023

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35521730034

To  
SHUBHASHIS SANYAL  
SASTIDOLA, KURMOOPARA, SOUTH LANE  
WEST BENGAL - 741101  
PIN NO :8617871822



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHUBHASHIS SANYAL**  
for successfully completing the course

## Entrepreneurship

with a consolidated score of **60** %

Online Assignments	20.28/25	Proctored Exam	39.25/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20MG35511010037

To  
SUBHADEEP SHOME  
2 NO BASUDEBPUR, TRIBENI, HOOGHLY, PIN  
712503  
TRIBENI  
HOOGHLY  
WEST BENGAL - 712503  
PH. NO :8777945088



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SUBHADEEP SHOME**  
for successfully completing the course

## Entrepreneurship

with a consolidated score of **69** %

Online Assignments	20.84/25	Proctored Exam	48/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MG35511010037

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20MG35511730005

To  
AKASH CHANDRA ROY  
MANICKTALA ECHAPUR  
ATINDRA APARTMENT 1ST FLOOR-C  
KOLKATA  
WEST BENGAL - 743144  
PIN. NO : 7200640009



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AKASH CHANDRA ROY**  
for successfully completing the course

## Entrepreneurship

with a consolidated score of **61** %

Online Assignments	20.19/25	Proctored Exam	41.25/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MG35511730005

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG35521010009

To  
AMIT KUMAR SHAW  
BANSBERIA, NEWSTAFF QUARTER NO.28  
BANSBERIA  
HOOGHLY  
WEST BENGAL - 712502  
PIN NO :3910716364



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**AMIT KUMAR SHAW**  
for successfully completing the course

## Entrepreneurship

with a consolidated score of **71** %

Online Assignments	19.91/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MG35521010009

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

Roll No: NPTEL20MG35522110067

To  
PRATYUSH SAXENA  
FLAT NO.1 A, NAMRATA APARTMENT,  
1C GHOSH SARANI  
HUGLI CHINSURAH  
HOOGHLY  
WEST BENGAL - 712101  
PH. NO: 928984424



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRATYUSH SAXENA**

for successfully completing the course

**Entrepreneurship**

with a consolidated score of **75** %

Online Assignments	21.16/25	Proctored Exam	54/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 232

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MG35522110067

To validate and check scores: <https://npTEL.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL20MG58581010062

To  
ARUP MAITI  
99 INDIRA GANDHI ROAD  
P.O. - KONNAGAR  
DIST. - HOOGHLY  
WEST BENGAL - 712235  
PH. NO : 7003548210



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



# Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**ARUP MAITI**

for successfully completing the course



## Principles of Management

with a consolidated score of **77** %

Online Assignments	22.81/25	Proctored Exam	54.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1012

  
Prof. G P Raja Sekhar  
Dean, Continuing Education,  
IIT Kharagpur

Sep-Dec 2020  
(12 week course)

  
Prof. Debajit Chakraborty  
Coordinator NPTEL,  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20MG58581010062

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE48541010032

To  
BIRENDRA SHAW  
BANKRA MISHRA PARA, BANKRA, HOWRAH  
BANKRA MISHRA PARA NEAR POLICE PHASE  
KOLKATA  
WEST BENGAL - 711403  
PH. NO. -629002193



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIRENDRA SHAW**

for successfully completing the course



## Geotechnical Engineering Laboratory

with a consolidated score of **87** %

Online Assignments	24.17/25	Proctored Exam	63/75
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Total number of candidates certified in this course: 442

Sep-Oct 2020  
(4 week course)

Prof. Sridhar Iyer  
Head, COEP & NPTEL, Coordinator  
ET Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL20CE48541010032

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511730017

To

BISWAJIT KUNDU  
ASMAKA DEY STREET, BARABAZAR  
SANTIPIUR, DISTRICT-NAGDA, WEST BENGAL  
SANTIPIUR  
WEST BENGAL - 741404  
PIN. NO. - 7290310075



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BISWAJIT KUNDU**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **73** %

Online Assignments	23.33/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02511730017

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21790024

To

NIRANJAN MAJHI  
VILL. + P.O. - BARKOLA, P.S. - KHARAGPUR (L), DIST. - PASCHIM  
MIDNAPUR, PIN-721301  
WEST BENGAL - 721301  
PH. NO : 7908474187



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NIRANJAN MAJHI**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **63** %

Online Assignments	22.08/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21790024

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010008

To

PUJA KUMARI GUPTA  
BACHOPARA, KALICHAK, RAGHUNATHPUR  
BAZAR, RAGHUNATHPUR HOODMAY  
WEST BANGAL - 712247  
PH. NO: 983032744



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PUJA KUMARI GUPTA**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **64** %

Online Assignments	21.67/25	Proctored Exam	42/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21010008

To validate and check scores: <https://nptel.ac.in/noc/>

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Roll No: NPTEL20CE02S21010004

To  
SOMOSHREE DEY  
FATARGORA  
BALURPARA  
CHANDANNAGORE  
WEST BENGAL - 712136  
PH. NO -8910424503



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SOMOSHREE DEY**

for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **55** %

Online Assignments	22.08/25	Proctored Exam	33/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511010001

To  
GODHULI SARKAR  
2, DIGAMBER BIDHAI ROAD  
CHAKAMPUR, CHINGURAH,  
HOOGHLY  
WEST BENGAL - 712101  
Ph. No. -6290027873



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**GODHULI SARKAR**

for successfully completing the course



### Introduction to Civil Engineering Profession

with a consolidated score of **77** %

Online Assignments	22.92/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010006

To

KUNTAL NASKAR  
DAKSHIN RAJYADHARPUR AMULYAKANAN  
SERAMPUR  
HOOGHLY  
WEST BENGAL - 712203  
Ph. No : 7980225821



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KUNTAL NASKAR**

for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **57** %

Online Assignments	21.25/25	Proctored Exam	36/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010016

To

SWARNABHA SARKAR  
29 PINK BANERJEE LANE PO. - CHATRA,  
SERAMPORE, DIST. - HOOGHLY, PIN - 712204  
WEST BENGAL - 712204  
PH. NO :7439518264



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SWARNABHA SARKAR**  
for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **68** %

Online Assignments	21.25/25	Proctored Exam	46.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21010016

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02521010000

To

BIPLABJYOTI MANDOL  
SWASTI ANATI, HALDARBAGAN, (NEAR  
DURGAMANDIR), PEARABAGAN ROAD  
PO- CHINSURAH, DIST.- HOOGHLY, 712101  
CHINSURAH  
WEST BENGAL - 712101  
PH. NO : 7044218462



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIPLABJYOTI MANDOL**  
for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **56** %

Online Assignments	21.67/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21730022

To  
ANKITA ROY  
RAJJI RASHMONI GHAT ROAD ,BAGHORE  
HALISAHAR  
WEST BENGAL - 741134  
PH. NO :7900325321



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITA ROY**

for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **56** %

Online Assignments	20.42/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://npTEL.ac.in/noc/>

Roll No: NPTEL20CE02511010026

To

KOUSHIK SANTRA  
VILLAGE- KARICHA, POST OFFICE-  
KARICHA, POLICE STATION-  
POLBA, DISTRICT- HOOGHLY, STATE- WEST  
BENGAL, PIN NO- 712408  
WEST BENGAL - 712408  
PH. NO: 9288795485



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KOUSHIK SANTRA**

for successfully completing the course



### Introduction to Civil Engineering Profession

with a consolidated score of **80** %

Online Assignments	21.67/25	Proctored Exam	58.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02511010026

To validate and check scores: <https://npTEL.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511010059

To

BARSAN PAL  
VILLAGE AND POST BEGAMPUR TILPADA, PS  
CHANDITALA,  
DIST HOOGHLY,  
BEGAMPUR  
WEST BENGAL - 712306  
PH. NO: 9296271278



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**BARSAN PAL**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **70** %

Online Assignments	21.67/25	Proctored Exam	48/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511730007

To  
OINDRILA BHATTACHARYYA  
B. SAGGOPE PARA ROAD,  
BHATPARA, PIN-743123, N 24 PGS  
B. SAGGOPE PARA ROAD, BHATPARA, PIN-  
743123, N 24 PGS  
BHATPARA  
WEST BENGAL - 743123  
PH. NO. :9433757235



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**OINDRILA BHATTACHARYYA**  
for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **73** %

Online Assignments	23.33/25	Proctored Exam	49.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02511730007

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010010

To  
RITIK GHOSH  
MAHESHPUR TALOLA  
BOKULAMPUR, MALDA  
MALDA  
WEST BENGAL - 732103  
PH. NO : 7001244201



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RITIK GHOSH**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **71** %

Online Assignments	22.50/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21010010

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010012

To  
SAMBIT SAHA  
KEOTA TYRE BAGAN BAZAR  
SAHAGAN, HOOGHLY  
CHINSURAH  
WEST BENGAL - 712104  
Ph. No - 9290337585



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SAMBIT SAHA**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **68** %

Online Assignments	22.50/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21010012

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511010061

To

BIRENDRA SHAW  
BANKRA MISHRA PARA, BANKRA, HOWRAH  
BANKRA MISHRA PARA NEAR POLICE PHASE  
KOLKATA  
WEST BENGAL - 711403  
PH. NO - 9290032193



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**BIRENDRA SHAW**

for successfully completing the course



### Introduction to Civil Engineering Profession

with a consolidated score of **80** %

Online Assignments	21.67/25	Proctored Exam	58.5/75
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*Devenendra Jalihal*

Prof. Devenendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02511010061

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02511010044

To  
ARNAB DEY  
BAIDYAPUR, PURBA BARDHAMAN  
VILLAGE AND POST: BAIDYAPUR,  
DISTRICT: PURBA BARDHAMAN, POLICE  
STATION: KALNA  
KALNA  
WEST BENGAL - 713122  
PH. NO : 929492543



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARNAB DEY**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **61** %

Online Assignments	20.83/25	Proctored Exam	40.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02511010044

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE02S21010014

To  
SAYAN MUKHERJEE  
FALLA ROAD  
FALLA ROAD RS  
PURBA BARDHAMAN  
WEST BENGAL - 713151  
PIN NO - 713032/3232



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAYAN MUKHERJEE**

for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **68** %

Online Assignments	21.25/25	Proctored Exam	46.5/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 117

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE02S21010014

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository. <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG34511010040

To  
ARUP MAITI  
99 INDIRA GANDHI ROAD  
P.O. - KONNAGAR  
DIST. - HOOGHLY  
WEST BENGAL - 712235  
PH. NO : 7003548210



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ARUP MAITI**

for successfully completing the course

## Total Quality Management - I

with a consolidated score of **62** %

Online Assignments	22.92/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 20

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jan-Mar 2020  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur

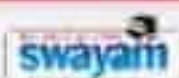


Indian Institute of Technology Kanpur



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whosoever it may concern

This is to confirm that NILIMESH GHOSH (Email id: nilimesh.ghosh07@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : NA	A1 : 50	A1 : 90	A1 : 70	A1 : 90	A1 : 75	A1 : 80	A1 : NA	A1 : NA	A1 : NA	A1 : NA
A2 : NI	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : 100	A4 : NA	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ABHISHEK MANNA (Email id: abhishekmanna38heritage@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 100	A1 : 70	A1 : 90	A1 : 70	A1 : 100	A1 : 75	A1 : 100	A1 : 100	A1 : 85	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment

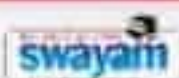


Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHAHIL MAJI (Email id: maji.shahil1999@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 60	A1 : 70	A1 : 70	A1 : 80	A1 : 75	A1 : 70	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : Nil	A2 : 0	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : Nil	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : Nil	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that KRISHANU CHINYA (Email id: chinya.krishanu@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 90	A1 : 50	A1 : 60	A1 : 70	A1 : 90	A1 : 75	A1 : 90	A1 : 90	A1 : 85	A1 : 80	A1 : 90
A2 : NI	A2 : 100	A2 : 25	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTES OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PARTHIB KUMAR SARKAR (Email id: sarkarparthib2000@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 100	A1 : 60	A1 : 80	A1 : 70	A1 : 100	A1 : 75	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : NA
A2 : Nil	A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : Nil	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : 100	A4 : 0	A4 : 100	A4 : 33	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHADEEP CHANAK (Email id: sdeep135781@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 90	A1 : 60	A1 : 70	A1 : 70	A1 : 80	A1 : NA	A1 : 70	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment

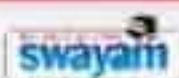


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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SIBOM MONDAL (Email id: shivammondal188@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 90	A1 : 60	A1 : 70	A1 : 70	A1 : 80	A1 : NA	A1 : NA	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : 100	A4 : 100	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whosoever it may concern

This is to confirm that AYAN ROY (Email id: [ayanroy525@gmail.com](mailto:ayanroy525@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 80	A1 : 70	A1 : 70	A1 : 70	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : 80	A1 : NA	A1 : NA	A1 : NA
A2 : NI	A2 : NA	A2 : 100	A2 : 100	A2 : NA	A2 : 0	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : 0	A3 : 0	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : 100	A4 : 100	A4 : 33	A4 : 0	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whosoever it may concern

This is to confirm that AVIRUP MUKHERJEE (Email id: avirupmukherjee271@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 100	A1 : 60	A1 : 80	A1 : 70	A1 : 100	A1 : 75	A1 : 90	A1 : 100	A1 : 100	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 67	A4 : NA	A4 : NA	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

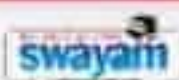
\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that POUHALI MANNA (Email id: pouhalmanna2001@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 100	A1 : 70	A1 : 70	A1 : 70	A1 : 100	A1 : 85	A1 : 70	A1 : 90	A1 : 85	A1 : 80	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 33	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

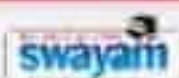
\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whosoever it may concern

This is to confirm that BIKRAMJIT BHATTACHARYA (Email id: bhattacharya091@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 20	A1 : 80	A1 : 50	A1 : 50	A1 : 40	A1 : 90	A1 : 75	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : 100
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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NPTEL Coordinator  
IIT Madras



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANKAN CHATTOPADHYAY (Email id: ankan chatterjee2000@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : NA	A1 : 70	A1 : 70	A1 : NA	A1 : 75	A1 : 70	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : 0	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : 100
A3 : NI	A3 : 0	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : 0	A3 : NA	A3 : 33	A3 : NA	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 0	A4 : 0	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that INDRANIL MANNA (Email id: indranilmanna2000@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 100	A1 : 50	A1 : 70	A1 : 70	A1 : 100	A1 : 75	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : NA
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : NA
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 0	A4 : 100	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SWARNAVA GHOSH (Email id: swarnavaghosh331@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : NA	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 75	A1 : NA	A1 : 100	A1 : NA	A1 : 100	A1 : 80
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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NPTEL Coordinator  
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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PRATANU KOLEY (Email id: pratanu.koley16@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 60	A1 : NA	A1 : 70	A1 : 80	A1 : 75	A1 : 40	A1 : 90	A1 : 75	A1 : NA	A1 : 90
A2 : Nil	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : Nil	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : Nil	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SANUJA CHAKRABORTY (Email id: santujachakraborty123@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 80	A1 : 100	A1 : 70	A1 : 50	A1 : 50	A1 : 80	A1 : 75	A1 : 90	A1 : 90	A1 : 85	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 33	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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NPTEL Coordinator  
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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whosoever it may concern

This is to confirm that DINESH KUMAR GHOSH (Email id: dineshkumarghosh6295@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 70	A1 : 70	A1 : 70	A1 : 100	A1 : 75	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : 90
A2 : NI	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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NPTEL Coordinator  
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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AVI SHEE (Email id: avishee50@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 90	A1 : 60	A1 : 50	A1 : 60	A1 : 90	A1 : 75	A1 : 90	A1 : 100	A1 : 85	A1 : NA	A1 : 90
A2 : NI	A2 : 100	A2 : 0	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 0	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 0	A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 0	A4 : 0	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 0	A4 : NA	A4 : 100	A4 : 100
A5 : NI											

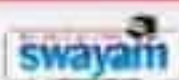
\*NA- Not Attempted | NI- No assignment



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IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUDIPTA DWARI (Email id: sudipta18072001@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 60	A1 : 70	A1 : 70	A1 : NA	A1 : 38	A1 : 70	A1 : 100	A1 : 88	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : 0	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that MUKUND KUMAR IHA (Email id: [physicistmukund@gmail.com](mailto:physicistmukund@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 100	A1 : 60	A1 : NA	A1 : 40	A1 : 90	A1 : 75	A1 : 90	A1 : 100	A1 : 88	A1 : 90	A1 : 90
A2 : NI	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

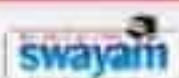
\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that SHAMEEK CHAKRABORTY (Email id: samshameek09@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 20	A1 : 80	A1 : 60	A1 : 80	A1 : 40	A1 : 90	A1 : 75	A1 : 90	A1 : 100	A1 : 88	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : 0	A2 : 100	A2 : 33	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : 0	A3 : 100	A3 : 100	A3 : 0	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 0	A4 : 100	A4 : 100	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that WASIF EKBAL (Email id: wasifekbal37@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 50	A1 : 90	A1 : 60	A1 : 90	A1 : 55	A1 : 30	A1 : 100	A1 : 55	A1 : 50	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 67	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 33	A4 : NA	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that CHIRADEEP PAKIRA (Email id: chiradeepakira@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 50	A1 : NA	A1 : NA	A1 : 70	A1 : 90	A1 : 75	A1 : NA	A1 : NA	A1 : 88	A1 : NA	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : NA	A2 : 100
A3 : NI	A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 67	A3 : 100	A3 : NA	A3 : 100
A4 : NI	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : 100	A4 : 100	A4 : NA	A4 : 0	A4 : 100	A4 : NA	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ZENIA BANERJEE (Email id: zenia.banerjee@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 40	A1 : 70	A1 : 40	A1 : NA	A1 : 75	A1 : 80	A1 : 100	A1 : 88	A1 : 90	A1 : NA
A2 : NI	A2 : NA	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 0	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHAMAYA SEN (Email id: subhasen.student@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : NA	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 75	A1 : NA	A1 : 100	A1 : NA	A1 : 10	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : 0	A2 : 100	A2 : NA	A2 : NA	A2 : 100	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : 100	A3 : 0	A3 : NA	A3 : NA	A3 : 100	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : 100	A4 : 0	A4 : NA	A4 : NA	A4 : 0	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that SUMIT KARMAKAR (Email id: 2001sumitkarmakar@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : NA	A1 : 70	A1 : 70	A1 : 70	A1 : 90	A1 : 75	A1 : 80	A1 : 100	A1 : 88	A1 : NA	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : 0	A2 : 0	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 0	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : 0	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 0	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : 0	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBINIT NANDI (Email id: subinitnandi@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 75	A1 : NA	A1 : 100	A1 : 75	A1 : 100	A1 : 100
A2 : Nil	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : 0	A2 : 0	A2 : 0	A2 : 0	A2 : 100
A3 : Nil	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : 0	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 100	A4 : 0	A4 : 0	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUMITA MUKHERJEE (Email id: popumukherjee10@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 20	A1 : 20	A1 : 70	A1 : 40	A1 : 70	A1 : 100	A1 : 85	A1 : 70	A1 : 100	A1 : 85	A1 : 100	A1 : NA
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 0	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHAM PAL (Email id: palsutham705@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 50	A1 : 70	A1 : 70	A1 : 100	A1 : 75	A1 : NA	A1 : 100	A1 : 85	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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NPTEL Coordinator  
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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TAPOLABHDHA PAL (Email id: paltapolabhdha@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 100	A1 : 70	A1 : 70	A1 : 70	A1 : 100	A1 : 85	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : 90
A2 : Nil	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : Nil	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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NPTEL Coordinator  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TUSHAR ATHA (Email id: tusharatha@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 50	A1 : 50	A1 : 70	A1 : 80	A1 : 75	A1 : 80	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : Nil	A2 : 0	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : Nil	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : Nil	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TUHIN MUKHERJEE (Email id: [tuhinmukherjee744@gmail.com](mailto:tuhinmukherjee744@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 70	A1 : 90	A1 : 60	A1 : 90	A1 : 85	A1 : NA	A1 : 100	A1 : 63	A1 : NA	A1 : 100
A2 : NI	A2 : 0	A2 : NA	A2 : 67	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : NA	A2 : 100
A3 : NI	A3 : 100	A3 : NA	A3 : 0	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 67	A3 : 100	A3 : NA	A3 : 100
A4 : NI	A4 : 0	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : NA	A4 : 100	A4 : NA	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SRAYA DEBNATH (Email id: [deburaya2000@gmail.com](mailto:deburaya2000@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : NA	A1 : 60	A1 : 50	A1 : 70	A1 : NA	A1 : NA	A1 : NA	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : 33	A3 : 0	A3 : 100	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : NA	A4 : 100	A4 : 100	A4 : NA
A5 : NI											

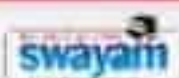
\*NA- Not Attempted | NI- No assignment



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IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JAGRITI NANDI (Email id: jagritinandi01@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 60	A1 : 50	A1 : NA	A1 : 80	A1 : 75	A1 : 100	A1 : 100	A1 : 50	A1 : 100	A1 : 100
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : 67	A2 : 0	A2 : 0	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : 100	A3 : 0	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : 100	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

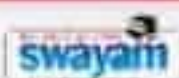
\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHANKAR PAL (Email id: pal105140@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 100	A1 : 60	A1 : 60	A1 : 70	A1 : 80	A1 : 75	A1 : 80	A1 : 100	A1 : 88	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : NA
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : NA
A5 : NI											

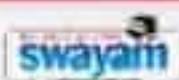
\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHRAYOSEE ROY (Email id: shrayosees@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : NA	A1 : 70	A1 : 70	A1 : 80	A1 : 75	A1 : 80	A1 : 100	A1 : 88	A1 : 90	A1 : 100
A2 : NI	A2 : NA	A2 : 100	A2 : 67	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : 0	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 100	A4 : 100	A4 : 33	A4 : 100	A4 : 100	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that HRITHICK BISWAS (Email id: hrithickbiswas6399@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 50	A1 : 20	A1 : NA	A1 : NA	A1 : NA	A1 : 20	A1 : NA	A1 : NA	A1 : NA	A1 : NA
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that INDRASISH DAS (Email id: mdra.srp007@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 20	A1 : 80	A1 : 50	A1 : 50	A1 : 40	A1 : 90	A1 : 75	A1 : 80	A1 : 100	A1 : 100	A1 : 100	A1 : 90
A2 : Nil	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : Nil	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

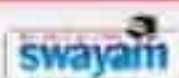
\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHANKAR GHOSH (Email id: [ghoshshubaram@gmail.com](mailto:ghoshshubaram@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 80	A1 : 90	A1 : 60	A1 : 90	A1 : 85	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DEBADYUTI KARMAKAR (Email id: debadyuti.karmakar@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 100	A1 : 50	A1 : 80	A1 : 70	A1 : 100	A1 : 75	A1 : 80	A1 : 100	A1 : 100	A1 : 100	A1 : 90
A2 : NI	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RUDRADEB CHATTERJEE (Email id: rudradebchatterjee35@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 70	A1 : 90	A1 : 50	A1 : NA	A1 : 70	A1 : 100	A1 : NA	A1 : 80	A1 : 100	A1 : 85	A1 : 100	A1 : 100
A2 : NI	A2 : NA	A2 : 0	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 0	A4 : 100	A4 : NA	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHODEEP DAS (Email id: subhodeepdas0213@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 100	A1 : 50	A1 : 70	A1 : 70	A1 : 100	A1 : 75	A1 : 80	A1 : 90	A1 : 85	A1 : 90	A1 : 90
A2 : Nil	A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : Nil	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that NEHA PRASAD (Email id: nehaprasad.kvs@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 40	A1 : NA	A1 : 30	A1 : 10	A1 : NA	A1 : 90	A1 : 75	A1 : NA	A1 : 100	A1 : 88	A1 : 70	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : NA	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : NA	A3 : NA	A3 : 0	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : NA	A4 : NA	A4 : 0	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAUGATA SARKAR (Email id: saugatasarkar1234@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 70	A1 : 70	A1 : 70	A1 : 100	A1 : 75	A1 : NA	A1 : 100	A1 : 90	A1 : 100	A1 : 90
A2 : NI	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : NI	A3 : NA	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 67	A3 : 100	A3 : 100
A4 : NI	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : NA	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUMIK GHOSH (Email id: soumikghosh2409@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 90	A1 : 60	A1 : 50	A1 : 70	A1 : 90	A1 : 75	A1 : NA	A1 : 100	A1 : 75	A1 : 100	A1 : 100
A2 : Nil	A2 : 100	A2 : 25	A2 : 0	A2 : 0	A2 : NA	A2 : 0	A2 : 100	A2 : 0	A2 : 0	A2 : 0	A2 : 0
A3 : Nil	A3 : 100	A3 : 0	A3 : 0	A3 : NA	A3 : NA	A3 : 0	A3 : 0	A3 : 33	A3 : 100	A3 : 100	A3 : 0
A4 : Nil	A4 : 100	A4 : NA	A4 : 0	A4 : NA	A4 : NA	A4 : 0	A4 : 0	A4 : 0	A4 : 0	A4 : NA	A4 : 0
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that SANDIPAN PAL (Email id: sandipanpal251@gmail.com) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : NA	A1 : 60	A1 : 70	A1 : 70	A1 : 90	A1 : 75	A1 : 90	A1 : 100	A1 : 75	A1 : 100	A1 : 90
A2 : Nil	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100
A3 : Nil	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 67	A3 : 100	A3 : 100	A3 : 100
A4 : Nil	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100	A4 : 100
A5 : Nil											

\*NA- Not Attempted | Nil- No assignment



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NPTEL Coordinator  
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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that AYAN MONDAL (Email id: [ayanmondal36@gmail.com](mailto:ayanmondal36@gmail.com)) had enrolled to the NPTEL course **The Joy of Computing using Python (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 100	A1 : 50	A1 : 80	A1 : 80	A1 : 100	A1 : 75	A1 : 80	A1 : 100	A1 : 88	A1 : NA	A1 : NA
A2 : NI	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA	A2 : NA
A3 : NI	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 67	A3 : NA	A3 : NA	A3 : NA
A4 : NI	A4 : 0	A4 : 100	A4 : NA	A4 : NA	A4 : NA	A4 : 100	A4 : NA	A4 : 100	A4 : NA	A4 : NA	A4 : NA
A5 : NI											

\*NA- Not Attempted | NI- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TUSHITA DAS (Email id: tushitadas16@gmail.com) had enrolled to the NPTEL course **Basic Linear Algebra (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 60	A1 : 100	A1 : 40	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA
A2 : 100	A2 : 100	A2 : NA	A2 : Nil	A2 : NA	A2 : Nil	A2 : Nil	A2 : Nil

\*NA- Not Attempted / Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that KUNTAL NASKAR (Email id: kuntalm10@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 60	A1 : NA	A1 : NA	A1 : 90	A1 : 50	A1 : 90	A1 : 100	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AMIT BISWAS (Email id: amitross9@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : NA	A1 : 60	A1 : 90	A1 : NA	A1 : 50	A1 : 100	A1 : 80	A1 : 95

\*NA- Not Attempted



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IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that CHIRANJEEB KUNDU (Email id: [chiranjeebkundu1998@gmail.com](mailto:chiranjeebkundu1998@gmail.com)) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 100	A1 : 90	A1 : 80	A1 : 100	A1 : 80	A1 : 85

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ABHRADEEP DAS (Email id: abhradeepdas26@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 60	A1 : NA	A1 : 90	A1 : 50	A1 : 100	A1 : NA	A1 : 50

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RAJARSHI BASU (Email id: rajarshibas19198@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 100	A1 : 60	A1 : 90	A1 : NA	A1 : NA	A1 : 70	A1 : NA	A1 : 70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ABHIJIT MONDAL (Email id: mondalabhijit799@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 50	A1 : 60	A1 : 50	A1 : 90	A1 : 50	A1 : 100	A1 : 90	A1 : 50

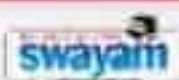
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RINTU PARUI (Email id: rintuparui308@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : NA	A1 : 90	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHAJIT GHOSH (Email id: subhajitghosh704@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 50	A1 : 50	A1 : 90	A1 : 50	A1 : 90	A1 : 90	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BIRENDRA SHAW (Email id: birendrashaw7685@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 50	A1 : 90	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : 80

\*NA- Not Attempted

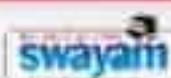


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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYAK KUMAR KHANRA (Email id: sayakkhanra2016@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 100	A1 : 90	A1 : 80	A1 : 100	A1 : 80	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PURBAYAN DAS (Email id: dpurbayan@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 30	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : 60	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PUJA KUMARI GUPTA (Email id: pujag0050@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 60	A1 : 100	A1 : 90	A1 : 90	A1 : 90	A1 : NA	A1 : 80

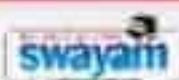
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JOYTU SARKAR (Email id: joytusarkar700@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 80	A1 : 40	A1 : 90	A1 : 60	A1 : NA	A1 : NA	A1 : NA

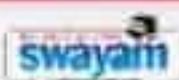
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAHELI MUKHERJEE (Email id: sahelimukherjee2019@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RISHIRAJ BAGCHI (Email id: rishirajbagchi25@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1-NA	A1-NA	A1-NA	A1-100	A1-90	A1-90	A1-100	A1-90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that KOUŠHEK SANTRA (Email id: 2018koushiksant@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 60	A1 : 50	A1 : 50	A1 : 100	A1 : 50	A1 : 100	A1 : 60	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that MOUMITA BISWAS (Email id: moou.biswas903@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 100	A1 : 90	A1 : 80	A1 : 100	A1 : 90	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SWAGATA ROY (Email id: swagata.october@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 - 90	A1 - 60	A1 - NA	A1 - NA	A1 - NA	A1 - 70	A1 - 100	A1 - NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BUDHADITYA MUKHERJEE (Email id: mukherjee.gablu@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 60	A1 : NA	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : 80

\*NA- Not Attempted

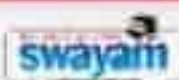


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NPTEL Coordinator  
IIT Madras



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that OINDRILA BHATTACHARYYA (Email id: bhattacharyyaoindrila3@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 70	A1 : 90	A1 : 90	A1 : 90	A1 : 90	A1 : 100	A1 : 100

\*NA - Not Attempted



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IIT Madras

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOURAV BHATTACHARYA (Email id: souravbhattacharya584@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA

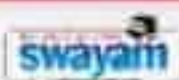
\*NA- Not Attempted



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NPTEL Coordinator  
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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that PATIT PABAN PATLA (Email id: patitpatla@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 100	A1 : 90	A1 : 80	A1 : 100	A1 : 80	A1 : 90

\*NA- Not Attempted



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NPTEL Coordinator  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BARSAN PAL (Email id: barsanpal09489@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 60	A1 : 70	A1 : 50	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : 90

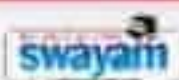
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RUPAYAN BISWAS (Email id: biswasrupayan420@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1-NA	A1-NA	A1-NA	A1-90	A1-50	A1-100	A1-80	A1-NA

\*NA- Not Attempted



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NPTEL Coordinator  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAMRAT MUKHERJEE (Email id: mukherjeesamrat1209@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 - 100	A1 - 80	A1 - 80	A1 - 90	A1 - 90	A1 - NA	A1 - 100	A1 - 75

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYAN MUKHERJEE (Email id: sayanmu201@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 50	A1 : 80	A1 : 90	A1 : 80	A1 : 100	A1 : 70	A1 : 80

\*NA- Not Attempted



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NPTEL Coordinator  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SANDIP SARKAR (Email id: sandipsar2018@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1-90	A1-50	A1-90	A1-NA	A1-NA	A1-100	A1-80	A1-NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SWARNABHA SARKAR (Email id: [swarnabhasarkar0@gmail.com](mailto:swarnabhasarkar0@gmail.com)) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 50	A1 : 70	A1 : 90	A1 : NA	A1 : 70	A1 : 100	A1 : 90

\*NA- Not Attempted



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RITTIK GHOSH (Email id: rittikghosh00@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1-90	A1-70	A1-NA	A1-90	A1-90	A1-100	A1-100	A1-NA

\*NA- Not Attempted



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



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A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that GODHULI SARKAR (Email id: 1973\_baisakhi@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 100	A1 : 50	A1 : 70	A1 : 80	A1 : 90	A1 : 90	A1 : 100	A1 : 90

\*NA - Not Attempted



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IIT Madras

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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUVIK MONDAL (Email id: souvikmondal98@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 60	A1 : 90	A1 : 90	A1 : 80	A1 : 100	A1 : 90	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANIRBAN BASU (Email id: basuanirban1916@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 20	A1 : 10	A1 : 20	A1 : 50	A1 : 40	A1 : 20	A1 : 50	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAMBIT SAHA (Email id: sahasambit405@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 100	A1 : 60	A1 : 50	A1 : 50	A1 : 90	A1 : 50	A1 : 100	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANKITA ROY (Email id: royankita416@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1: 70	A1: 60	A1: NA	A1: 90	A1: 50	A1: 90	A1: 80	A1: 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHUVOMOY DAS (Email id: dasshuvomoy00@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1-NA	A1-NA	A1-NA	A1-90	A1-NA	A1-NA	A1-NA	A1-NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARNAB DEY (Email id: arnab.dey6294@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 50	A1 : 90	A1 : 90	A1 : 70	A1 : 90	A1 : 80	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BIPLAB/YOTI MANDOL (Email id: chhotu8926@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : NA	A1 : 70	A1 : 90	A1 : 50	A1 : 90	A1 : 90	A1 : 50

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **BISWAJIT KUNDU** (Email id: biswajitkundu724@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 70	A1 : 50	A1 : 90	A1 : 90	A1 : 100	A1 : 100	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SIBORAM MUKHERJEE (Email id: msiboram@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 50	A1 : 100	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that INDRANIL GHOSH (Email id: me.indranilghosh@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 100	A1 : 90	A1 : 80	A1 : 100	A1 : 90	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that CHIRANJIT PAL (Email id: chiranjtp13@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 60	A1 : 100	A1 : 90	A1 : 50	A1 : 100	A1 : 80	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AMAN KUMAR (Email id: amanjha311999@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 70	A1 : 90	A1 : NA	A1 : NA	A1 : 100	A1 : 80	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOMOSHREE DEY (Email id: deysomoshree2001@gmail.com) had enrolled to the NPTEL course **Introduction to Civil Engineering Profession (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 50	A1 : 50	A1 : 90	A1 : 50	A1 : 50	A1 : 100	A1 : 90

\*NA- Not Attempted



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A JOINT VENTURE OF INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYAN SEN (Email id: sayan131416@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 82	A1 : 83	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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NPTEL Coordinator  
IIT Madras



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHUBHANKAR DUBEY (Email id: dmanish168@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 82	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

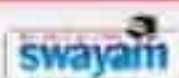
\*NA- Not Attempted | Nil- No assignment



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHAYU SENGUPTA (Email id: subhayusengupta0902@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 91	A1 : 81	A1 : NA	A1 : NA	A1 : 55	A1 : 64	A1 : 55	A1 : 100	A1 : NA	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : 75	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 0	A4 : 100	A4 : Nil	A4 : NA	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SATAVISA DATTA (Email id: subhassh712136@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARITRI DAS (Email id: dastrina2000@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 82	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 30	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TANUSHREE BIBAR (Email id: bibartanushree@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 77	A1 : 77	A1 : 66	A1 : 81	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANKITA DATTA (Email id: dattaanki03@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 91	A1 : 77	A1 : 75	A1 : 81	A1 : 64	A1 : 42	A1 : 20	A1 : 100	A1 : 21	A1 : NA	A1 : 50
A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : NA	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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NPTEL Coordinator  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TANMOY GHOSH (Email id: ghoatanmoy13091998@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : NA	A1 : 66	A1 : NA	A1 : 42	A1 : NA	A1 : 10	A1 : NA	A1 : 21	A1 : NA	A1 : 50
A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : NA	A3 : NA	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : NA	A4 : NA	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARKADEEP ROY (Email id: royarkadeep1112@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 91	A1 : 77	A1 : 81	A1 : 81	A1 : 64	A1 : 42	A1 : 20	A1 : 100	A1 : 21	A1 : NA	A1 : 50
A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARKADIP BASU MALLICK (Email id: arkadipbasumallick@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 80	A1 : NA	A1 : 63	A1 : 52	A1 : 42	A1 : 42	A1 : NA	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : NA	A4 : Nil	A4 : 0	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ASHIS KUMAR SHAW (Email id: ashishaw001@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : NA	A1 : NA	A1 : NA	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : NA	A1 : NA	A1 : 50
A2 : 33	A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : NA	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RITTIKA GHOSH (Email id: ritika9jan@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 73	A1 : 69	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 30	A1 : 100	A1 : 21	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHILPI SAHA (Email id: mampi06@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 86	A1 : 91	A1 : 69	A1 : NA	A1 : 81	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAUNAK ROY (Email id: saunak98@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 73	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : 67	A1 : NA	A1 : NA
A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : NA	A3 : 33	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : NA	A4 : NA	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHRANGSHU MUHURY (Email id: subhrangshumuhury@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 82	A1 : 77	A1 : 59	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : NA	A3 : 0	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that KHUSHI KUMARI (Email id: khushihahetc@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : NA	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 36	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : NA	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment

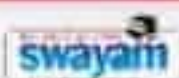


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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SARTHAK SRIVASTAVA (Email id: [srivastavasarthak472@gmail.com](mailto:srivastavasarthak472@gmail.com)) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 77	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



  
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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHAYANI DAS (Email id: shayanidas773@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 77	A1 : 77	A1 : 81	A1 : 81	A1 : 64	A1 : NA	A1 : 20	A1 : 100	A1 : 21	A1 : NA	A1 : 50
A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : NA	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

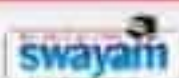
\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JASMEET KAUR (Email id: jassikaaur3110@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 82	A1 : 77	A1 : NA	A1 : 56	A1 : 42	A1 : NA	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : 100	A2 : 0	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 0	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 0	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that MOHIBUL AKTAR MOLLAH (Email id: mohibulaktarmollah@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 82	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 36	A1 : 20	A1 : 100	A1 : 38	A1 : 0	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that KUNDAN MUKHERJEE (Email id: mukherjeekundans99@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 77	A1 : 66	A1 : 56	A1 : 42	A1 : 42	A1 : 20	A1 : 100	A1 : 38	A1 : NA	A1 : 50
A2 : NA	A2 : NA	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : NA	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : 100	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AISHIK SIKDAR (Email id: aishik3420@gmail.com) had enrolled to the NPTEL course **An Introduction To Programming Through C++ (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 79	A1 : 82	A1 : 62	A1 : NA	A1 : NA	A1 : 42	A1 : NA	A1 : 20	A1 : 100	A1 : 67	A1 : NA	A1 : 50
A2 : 100	A2 : 100	A2 : 100	A2 : NA	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : 100	A2 : NA	A2 : NA
A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA	A3 : 100	A3 : NA	A3 : 100	A3 : 100	A3 : 100	A3 : NA	A3 : NA
A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : Nil	A4 : NA	A4 : 100	A4 : Nil	A4 : 100	A4 : Nil	A4 : Nil

\*NA- Not Attempted | Nil- No assignment



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Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that WRITI MITRA (Email id: alteralerts@gmail.com) had enrolled to the NPTEL course **Fuzzy Sets, Logic and Systems & Applications (12 weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 90	A1 : 100	A1 : 80	A1 : 90	A1 : 100	A1 : 100	A1 : 100	A1 : 100	A1 : 100	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that TIASA ROY (Email id: [me.roytasa@gmail.com](mailto:me.roytasa@gmail.com)) had enrolled to the NPTEL course **Principles of Communication Systems - I (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-20	A1-30	A1-10	A1-10	A1-60	A1-10	A1-NA	A1-NA	A1-NA	A1-NA	A1-NA	A1-NA

\*NA- Not Attempted



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Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that INDRANI KOLEY (Email id: indranikoley@ipl@gmail.com) had enrolled to the NPTEL course **Control engineering (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-78	A1-70	A1-67	A1-9	A1-NA	A1-NA	A1-33	A1-50	A1-NA	A1-33	A1-47	A1-40

\*NA- Not Attempted



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IIT Madras



# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that SUBHAJIT KUMAR PAUL (Email id: paulsubhajit130@gmail.com) had enrolled to the NPTEL course **Electrical Machines - II (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 60	A1 : 75	A1 : 65	A1 : 50	A1 : 64	A1 : 17	A1 : 18	A1 : 60	A1 : 91	A1 : 50	A1 : 100

\*NA- Not Attempted



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# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHITAL JAISWARA (Email id: shitaljaiswara@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : 80	A1 : 70	A1 : 100	A1 : NA	A1 : 89	A1 : 80	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHANKAR PAL (Email id: pal105140@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 75	A1 : 80	A1 : 70	A1 : 100	A1 : 60	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that MD TAUSIF (Email id: mdtausifspj2001@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : NA	A1 : 70	A1 : NA	A1 : NA	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SK ESHAUDDIN (Email id: skeshimuddin225@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : 80	A1 : 70	A1 : 100	A1 : 90	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PRATANU KOLEY (Email id: pratanu.koley16@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : NA	A1 : 80	A1 : 70	A1 : 20	A1 : 90	A1 : 90	A1 : NA	A1 : 100

\*NA- Not Attempted

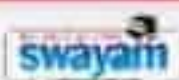


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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUVIK HALDER (Email id: haldersouvik54157@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 33	A1 : 30	A1 : 40	A1 : 40	A1 : NA	A1 : 44	A1 : NA	A1 : 50

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JAGRITI NANDI (Email id: jagritinandi01@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : NA	A1 : 100	A1 : 70	A1 : 70	A1 : 90	A1 : 80	A1 : 80	A1 : 100

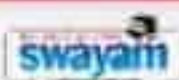
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JAYANTA DEY (Email id: jdey1251@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : NA	A1 : 70	A1 : 100	A1 : NA	A1 : 89	A1 : 80	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **SHAHIL MAJI** (Email id: [maji.shahil1999@gmail.com](mailto:maji.shahil1999@gmail.com)) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : 80	A1 : 70	A1 : NA	A1 : 90	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AVIRUP MUKHERJEE (Email id: avirupmukherjee271@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : 80	A1 : 70	A1 : 100	A1 : 90	A1 : 90	A1 : 90	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYANTAN GHOSH (Email id: sayantanghosh20000@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : 80	A1 : NA	A1 : NA	A1 : 90	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BISHAL RAM (Email id: bishalram403@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 75	A1 : 80	A1 : 70	A1 : 100	A1 : 90	A1 : NA	A1 : 80	A1 : 100

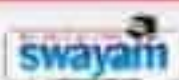
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SWARNAVA GHOSH (Email id: swarnavaghosh331@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : NA	A1 : NA	A1 : NA	A1 : 70	A1 : 90	A1 : NA	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHAMEEK CHAKRABORTY (Email id: samshameek09@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 56	A1 : 20	A1 : NA	A1 : 100	A1 : NA	A1 : 59	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DWAIPAYAN BISWAS (Email id: [dwasbiswas2000@gmail.com](mailto:dwasbiswas2000@gmail.com)) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : NA	A1 : 70	A1 : NA	A1 : 90	A1 : 90	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ADITYA KUMAR SHARMA (Email id: aditya102adi@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 70	A1 : 100	A1 : 90	A1 : 90	A1 : NA	A1 : 90

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RAHUL SAMANTA (Email id: rahulsamanta039@gmail.com) had enrolled to the NPTEL course **Enhancing Soft Skills and Personality (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 88	A1 : 96	A1 : 88	A1 : 96	A1 : 79	A1 : 96	A1 : 88	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAIKAT MUKHOPADHYAY (Email id: saikat.mukhopadhyay17@gmail.com) had enrolled to the NPTEL course **Enhancing Soft Skills and Personality (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 60	A1 : 64	A1 : 60	A1 : NA	A1 : 63	A1 : 65	A1 : NA	A1 : 80

\*NA- Not Attempted



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Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that **INDRASISH DAS** (Email id: [indra.srp007@gmail.com](mailto:indra.srp007@gmail.com)) had enrolled to the NPTEL course **Advanced Probability Theory (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-70	A1-27	A1-71	A1-10	A1-45	A1-57	A1-35	A1-50	A1-37	A1-NA	A1-35	A1-50

\*NA- Not Attempted



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Date: 15th June 2020

To Whomsoever it may concern

This is to confirm that ARUP MAITI (Email id: arup.maiti@iitc.ac.in) had enrolled to the NPTEL course **Total Quality Management - I (8 weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 70	A1 : 90	A1 : 100	A1 : 100	A1 : 90	A1 : 80	A1 : 90	A1 : 70

\*NA- Not Attempted



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF MANAGEMENT



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AMIT KUMAR SHAW (Email id: shavamit393@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-NA	A1-80	A1-NA	A1-60	A1-50	A1-70	A1-80	A1-89	A1-70	A1-90	A1-78	A1-70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that MD ANZAR (Email id: mdanzar12072006@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 80	A1 : NA	A1 : 80	A1 : 60	A1 : 80	A1 : 50	A1 : 80	A1 : NA	A1 : NA	A1 : 90	A1 : NA	A1 : 70

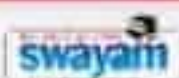
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PRATYUSH SAXENA (Email id: pratyushkv2017@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 80	A1 : 60	A1 : 90	A1 : 70	A1 : 80	A1 : 89	A1 : 70	A1 : 90	A1 : 78	A1 : 70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHUBHASHIS SANYAL (Email id: shubhashis.sanyal20@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 80	A1 : 60	A1 : 90	A1 : 60	A1 : 80	A1 : 89	A1 : 60	A1 : 70	A1 : 56	A1 : 70

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TOUSIF AHAMED (Email id: tousif167758892@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in) during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 30	A1 : 30	A1 : 50	A1 : 60	A1 : NA	A1 : 70	A1 : 80	A1 : 89	A1 : 70	A1 : 70	A1 : NA	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RIJU ROY (Email id: rjuroywb97@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-90	A1-80	A1-NA	A1-60	A1-NA	A1-40	A1-NA	A1-NA	A1-NA	A1-NA	A1-NA	A1-NA

\*NA- Not Attempted



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that PRATHEMESH CHAKRABORTY (Email id: chaksunny02@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr-2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-90	A1-80	A1-60	A1-60	A1-50	A1-70	A1-90	A1-89	A1-70	A1-90	A1-44	A1-NA

\*NA- Not Attempted



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A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AKASH CHANDRA ROY (Email id: akashmit2@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in) during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 80	A1 : 60	A1 : 70	A1 : 70	A1 : 70	A1 : 75	A1 : 80	A1 : 80	A1 : 78	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARITRO CHATTERJEE (Email id: arichat2000@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 70	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 89	A1 : 70	A1 : 90	A1 : 67	A1 : 70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUBHADEEP SHOME (Email id: subhadeepshome183@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 70	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 89	A1 : 70	A1 : 90	A1 : 78	A1 : 70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUPARNA DAS (Email id: suparnad2000@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 90	A1 : 80	A1 : 60	A1 : 60	A1 : 50	A1 : 60	A1 : 90	A1 : 89	A1 : 70	A1 : 90	A1 : 78	A1 : 70

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARNAB KUMAR MONDAL (Email id: arnabmondal635@gmail.com) had enrolled to the NPTEL course **Entrepreneurship (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 60	A1 : 60	A1 : 50	A1 : 70	A1 : 80	A1 : 89	A1 : NA	A1 : 50	A1 : 56	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUVIK PORE (Email id: souvikpore57@gmail.com) had enrolled to the NPTEL course **Water Supply Engineering (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-NA	A1-47	A1-70	A1-50	A1-50	A1-65	A1-74	A1-85	A1-53	A1-90	A1-80	A1-47

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SRIMANTA BAG (Email id: srimantabag1996pm@gmail.com) had enrolled to the NPTEL course **Water Supply Engineering (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 - 13	A1 - NA	A1 - 70	A1 - 50	A1 - 45	A1 - 65	A1 - NA	A1 - NA	A1 - 47	A1 - 100	A1 - 50	A1 - 47

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RUP KUMAR MUKHERJEE (Email id: rupmukherjee18@gmail.com) had enrolled to the NPTEL course **Water Supply Engineering (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-NA	A1-47	A1-73	A1-45	A1-50	A1-65	A1-NA	A1-85	A1-53	A1-90	A1-NA	A1-NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AYON KHASKEL (Email id: ayankhaskel2017@gmail.com) had enrolled to the NPTEL course **Data Base Management System (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 90	A1 : 100	A1 : 89	A1 : 80	A1 : NA	A1 : 100	A1 : 80	A1 : 80

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANIRBAN CHAKRABORTY (Email id: canirban091@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 87	A1 : 93	A1 : 80	A1 : 77	A1 : 69	A1 : 93	A1 : 87	A1 : NA	A1 : 100	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **ARIJEET SAMANTA** (Email id: arijeetsamanta24@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-93	A1-NA	A1-87	A1-93	A1-80	A1-85	A1-62	A1-79	A1-NA	A1-NA	A1-100	A1-NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TAPAS KUMAR SAHA (Email id: tapassaha6685@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : NA	A1 : 100	A1 : 87	A1 : 67	A1 : 92	A1 : 69	A1 : NA	A1 : 87	A1 : NA	A1 : 100	A1 : NA

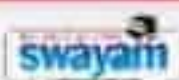
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ADITI BANDYOPADHYA (Email id: bandyopadhyaaditi1999@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 100	A1 : 100	A1 : 93	A1 : 50	A1 : 100	A1 : 77	A1 : 56	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAUMIN DUTTA (Email id: saumindutta2000@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 100	A1 : 100	A1 : 100	A1 : 93	A1 : 85	A1 : NA	A1 : 100	A1 : 80	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **DEBABRATA BISWAS** (Email id: debabratabiswas021@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 80	A1 : 93	A1 : 85	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARITRA NANDY (Email id: aritrannandy@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 100	A1 : 100	A1 : NA	A1 : 93	A1 : 77	A1 : 69	A1 : 93	A1 : NA	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SIDDHARTHA DEY (Email id: sdey74504@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 100	A1 : 100	A1 : 100	A1 : 87	A1 : 85	A1 : 77	A1 : 100	A1 : 80	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RANODIP PRAMANIK (Email id: pramanikranodip@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-93	A1-NA	A1-NA	A1-93	A1-NA	A1-85	A1-85	A1-NA	A1-87	A1-100	A1-100	A1-NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that JYOTISHKA SAHA (Email id: jyotishka.xp7@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 100	A1 : 100	A1 : 73	A1 : 67	A1 : 77	A1 : NA	A1 : 56	A1 : NA	A1 : 50	A1 : NA	A1 : 50

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DEBYANI DAWN (Email id: [debyanidawn@gmail.com](mailto:debyanidawn@gmail.com)) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 93	A1 : 85	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARANYAK DAS (Email id: das.aranyak17@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 93	A1 : 100	A1 : 93	A1 : 87	A1 : 92	A1 : 69	A1 : 93	A1 : 87	A1 : NA	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **SUKANYA CHAYYACHARYYA** (Email id: [bhattacharyyasukanya5@gmail.com](mailto:bhattacharyyasukanya5@gmail.com)) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 47	A1 : 93	A1 : 87	A1 : 87	A1 : 50	A1 : 31	A1 : NA	A1 : NA	A1 : NA	A1 : NA	A1 : 100	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BRIJESH JHA (Email id: brijeshjha130199@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : NA	A1 : 87	A1 : 85	A1 : 69	A1 : 93	A1 : NA	A1 : 100	A1 : NA	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYAN MARICK (Email id: sayandmarick@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 87	A1 : 87	A1 : 85	A1 : 69	A1 : 56	A1 : NA	A1 : 100	A1 : NA	A1 : NA

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that CHANDRIMA BHATTACHARYA (Email id: chandrimaustpal@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in) during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : NA	A1 : 93	A1 : 93	A1 : 77	A1 : 69	A1 : 93	A1 : 87	A1 : 80	A1 : 93	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARITRY SAMADDAR (Email id: aritrysamaddar00@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 93	A1 : NA	A1 : 85	A1 : 69	A1 : 100	A1 : NA	A1 : 100	A1 : NA	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SHANA SHABNAM NASIM (Email id: shanashabnam02@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 80	A1 : 100	A1 : 87	A1 : 87	A1 : 85	A1 : 77	A1 : 93	A1 : 80	A1 : 100	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARJUN POREY (Email id: arjunporey07@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 93	A1 : 87	A1 : 85	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted

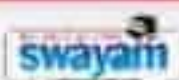


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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RAJA MUKHERJEE (Email id: [rmukherjeerajal43@gmail.com](mailto:rmukherjeerajal43@gmail.com)) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1-NA	A1-NA	A1-100	A1-93	A1-73	A1-85	A1-NA	A1-NA	A1-NA	A1-NA	A1-100	A1-NA

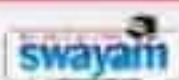
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **SUKANTA KARMAKAR** (Email id: [sukantakarmakar03@gmail.com](mailto:sukantakarmakar03@gmail.com)) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 87	A1 : 85	A1 : 77	A1 : 100	A1 : 80	A1 : 50	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAMRANGEE SARKAR (Email id: sarkarsamrangee16@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 93	A1 : 85	A1 : 69	A1 : 93	A1 : NA	A1 : 100	A1 : 100	A1 : 100

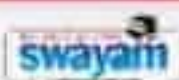
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ARKOJYOTIPAL (Email id: arkojyotipal93@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 87	A1 : 87	A1 : NA	A1 : 77	A1 : 93	A1 : 87	A1 : 100	A1 : NA	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that BIDISHA JANA (Email id: bidishajana76589@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 67	A1 : 80	A1 : 100	A1 : 93	A1 : 87	A1 : NA	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DIPANJAN MONDAL (Email id: dipanmondal777@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : NA	A1 : NA	A1 : NA	A1 : 87	A1 : 85	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAVANA KHATUN (Email id: [savanakhatun369@gmail.com](mailto:savanakhatun369@gmail.com)) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 87	A1 : NA	A1 : 85	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUMYADIP DUTTA (Email id: soumyadip2030@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 33	A1 : NA	A1 : 100	A1 : 93	A1 : 73	A1 : NA	A1 : 69	A1 : 21	A1 : 87	A1 : NA	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUMYA BANERJEE (Email id: soumyabanerjee6685@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 80	A1 : 85	A1 : 69	A1 : 93	A1 : 73	A1 : NA	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SACHIN JAISWAL (Email id: jaiswalsachin702@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 93	A1 : 93	A1 : 85	A1 : 69	A1 : 100	A1 : 87	A1 : NA	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whosoever it may concern

This is to confirm that ARKA GUHA (Email id: arkaguha999@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 100	A1 : 100	A1 : 100	A1 : 93	A1 : 87	A1 : 85	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AKASH CHATTERJEE (Email id: akcham99@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 67	A1 : 67	A1 : 93	A1 : 87	A1 : 93	A1 : 77	A1 : 69	A1 : 93	A1 : NA	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that **DEBASHREE PRAMANICK** (Email id: [dpramanick52@gmail.com](mailto:dpramanick52@gmail.com)) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 60	A1 : 77	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SAYANTI SWARNAKAR (Email id: sayaniswarnakar1@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 100	A1 : 100	A1 : 93	A1 : 87	A1 : 85	A1 : 62	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

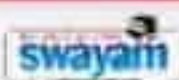
\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANKIT KUMAR (Email id: ankitkumar53082@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 50	A1 : 55	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DEBJIT DAS (Email id: 15debjitdas@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 100	A1 : 100	A1 : 100	A1 : 93	A1 : 85	A1 : 77	A1 : 100	A1 : 80	A1 : 100	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that DEVLINA BISWAS (Email id: devlina.06@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : NA	A1 : 87	A1 : 100	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : NA	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUVONIK MUKHERJEE (Email id: souvonik.mukherjee007@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : NA	A1 : NA	A1 : 93	A1 : 93	A1 : NA	A1 : 85	A1 : NA	A1 : 56	A1 : NA	A1 : NA	A1 : NA	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SNAHASIS BARAT (Email id: rjobarat100@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 80	A1 : 93	A1 : 100	A1 : NA	A1 : 80	A1 : 77	A1 : 69	A1 : 93	A1 : 87	A1 : NA	A1 : 100	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ATANUROY (Email id: roo1911atanu@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 93	A1 : 87	A1 : 92	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : NA	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AYAN BAG (Email id: [indiagameic66@gmail.com](mailto:indiagameic66@gmail.com)) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 93	A1 : 100	A1 : 93	A1 : 87	A1 : 100	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUSMITA ROY (Email id: [susmitaroy2510@gmail.com](mailto:susmitaroy2510@gmail.com)) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform ([swayam.gov.in](http://swayam.gov.in)), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 87	A1 : 73	A1 : 100	A1 : 85	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

# NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTE OF TECHNOLOGY & INDIAN INSTITUTE OF SPACE



Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SUMAN KARMAKAR (Email id: karmakarsuman545@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : NA	A1 : 100	A1 : 87	A1 : 50	A1 : 100	A1 : 77	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ANKITA NANDI (Email id: ankitanandistmp@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 87	A1 : 93	A1 : 100	A1 : 73	A1 : 73	A1 : 100	A1 : 85	A1 : 93	A1 : 87	A1 : NA	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that RUBAIZ SIDDIQUEE (Email id: rubaiz22102001@gmail.com) had enrolled to the NPTEL course **Introduction to internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 93	A1 : 93	A1 : 100	A1 : 93	A1 : 80	A1 : 85	A1 : 69	A1 : 93	A1 : 80	A1 : 100	A1 : 100	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that AKASH DUTTA (Email id: surjobaban@gmail.com) had enrolled to the NPTEL course **Introduction to Internet of things (12 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
A1 : 60	A1 : 93	A1 : 93	A1 : 93	A1 : 87	A1 : 85	A1 : 69	A1 : 93	A1 : 87	A1 : 100	A1 : 100	A1 : 100

\*NA - Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that SOUVIK KUNDU (Email id: ksouvik769@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 78	A1 : NA	A1 : NA	A1 : 100	A1 : 90	A1 : 89	A1 : 80	A1 : 100

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that ABINASH KUMAR CHOURASIA (Email id: namanch2001@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 70	A1 : NA	A1 : 90	A1 : 90	A1 : 80	A1 : NA

\*NA- Not Attempted



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Date: 16th June 2020

To Whomsoever it may concern

This is to confirm that TUSHAR ATHA (Email id: tusharatha@gmail.com) had enrolled to the NPTEL course **Ethics in Engineering Practice (8 Weeks)** on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.



The scores obtained by the learner in the unproctored online assignments are as follows and may be used as deemed appropriate. (Every assignment score shown below is out of 100 marks.)

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
A1 : 80	A1 : 80	A1 : 70	A1 : 100	A1 : 90	A1 : 90	A1 : 70	A1 : 100

\*NA- Not Attempted



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NPTEL Coordinator  
IIT Madras