

SANJIVANI WELFARE TRUST



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19 Rammohan Place, Konnagar
Hooghly-712235
M: 9836327891,
9614838385 / 6289432264

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M: 9547448401, 9434122509
Email: sanweltrust@gmail.com

Ref. No. ...swt/02/2023.....

Date. ...07/11/2023...

Certificate of Appreciation

On behalf of our **Sanjivani Welfare Trust**, I would like to appreciate that the students from **Hooghly Engineering and Technology College** have eagerly accompanied us in organizing a camp near **Old Hooghly Ghat area** on **4th March 2023** to distribute some **mosquito nets among the underprivileged people** to prevent mosquito borne diseases.

We hope in future also the institution will come forward in holding such events for the betterment of society.

Abhisek Pal.

Secretary
Sanjivani Welfare Trust

Abhisek Pal
Secretary
Sanjivani Welfare Trust





State Blood Transfusion Council, West Bengal

Swasthya Bhawan, 1st Floor, Wing - B

GN - 29, Sector - V, Salt Lake, Kolkata - 700 091

CERTIFICATE OF APPRECIATION

*We are pleased to appreciate the noble gesture of ... Hooghly... Engineering
and Technology College... for organising a Voluntary
Blood Donation Camp on ... 20th April... 2022.*

*This social service shown by your organisation towards
the needy patients may please be continued.*

Date .20th April 2023.



Medical Officer in charge

(Signature)

MSVP/Superintendent



Real-Time River Water Level Monitoring System~

The Hooghly District Administration had assigned to Hooghly Engineering & Technology College a project to develop a device which would sense the water level of rivers and send that data to the concerned authorities. The deadline was 30.06.22. The college did the project successfully and showed it to the ADM (Development) and SDO to their satisfaction on 25.06.22. The work is meant to be implemented in areas susceptible to floods so that the people who are living in the flood inclined areas must be benefitted.

We would sincerely like to thank Mr. Ayan Bag, a student in the 4th Year from the Department of Electronics and Communications Engineering, for his outstanding contribution to this project. HETC also acknowledges the contribution of all the members associated with realising this 'Real Time' and 'IoT' based project.

অভিনব আবিষ্কার করে নজির চন্দননগরের তরুণের বন্যা আসছে? আভাস দেবে জল মাপার যন্ত্র

নিজস্ব সংবাদদাতা, হুগলি: কি বছর অতিবৃষ্টিতে প্রবল ক্ষতিগ্রস্ত হয় হুগলির আরামবাগ, গোঘাট, খানাকুলের মতো নিচু এলাকা। দামোদর, রূপনারায়ণ, মুণ্ডেশ্বরী নদীর দু'কূল ছাপিয়ে বন্যা পরিস্থিতি তৈরি হয় গোটা এলাকায়। কিন্তু, এমন কোনও যন্ত্র যদি থাকত যাতে বন্যা হওয়ার আগেই বিপজ্জনক নদীগুলির জলস্তরের উচ্চতা মাপা সম্ভব হত? তাহলে আগেভাগেই বিপদসীমার উপর দিয়ে জল যাওয়ার আগে নদীতীরবর্তী এলাকার মানুষকে নিরাপদ জায়গায় পৌঁছানো সহজ হত। অনেকটাই এড়ানো যেত প্রাণহানি, ক্ষয়ক্ষতি। এবার এমনই এক যন্ত্র আবিষ্কার করে তাক লাগিয়ে দিয়েছেন হুগলি ইঞ্জিনিয়ারিং অ্যান্ড টেকনোলজিক্যাল কলেজের ছাত্র অয়ন বাগ। এর মাধ্যমে বন্যা হওয়ার

আগেই বিপজ্জনক নদীগুলির জলের উচ্চতা মাপা যাবে এবং বন্যাপ্রবণ এলাকার মানুষকে আগাম সতর্ক করা সম্ভব হবে। চন্দননগরের বাসিন্দা অয়নের এই কীর্তিতে গর্বিত গোটা ইঞ্জিনিয়ারিং কলেজের ছাত্র-ছাত্রী থেকে শুরু করে শিক্ষক সকলেই। গর্বিত তাঁর পাড়া-প্রতিবেশীরাও। হুগলির ইঞ্জিনিয়ারিং কলেজের ইলেকট্রিক্যাল কমিউনিকেশন ইঞ্জিনিয়ারিং বিভাগের ছাত্র অয়ন তাঁর আবিষ্কৃত যন্ত্রের নাম দিয়েছেন 'স্নাড মনিটরিং সিস্টেম'। কীভাবে কাজ করবে এই যন্ত্র? অয়ন জানান, একটি পাইপের মধ্যে যন্ত্রটি ইনস্টল করে প্রতি ১৫ কিলোমিটার অন্তর জলের মধ্যে বসিয়ে দেওয়া হবে। পাইপটি জলের মধ্যে থাকলেও যন্ত্রটি জলের কিছুটা উপরে থাকবে। আর এই যন্ত্রের



অয়ন বাগ

সঙ্গে প্রশাসনিক দফতরের সার্ভারের যোগ থাকবে। সার্ভার রুম থেকে আধিকারিকরা সরাসরি কোন নদীর জল বিপদসীমার উপর দিয়ে বইছে, কোথায় বন্যা আসন্ন, তা অনুধাবন

করতে পারবেন। সেক্ষেত্রে নদীর তীরবর্তী অঞ্চলগুলিতে এবং বাঁধের উপর বসবাসকারী মানুষকে দ্রুত নিরাপদ স্থানে সরিয়ে নিয়ে যাওয়ার জন্য হাতে অনেকটা সময় পাবে স্থানীয় প্রশাসন।

প্রসঙ্গত, প্রত্যেক বছরই বর্ষাকালে হুগলির খানাকুল, গোঘাট ও আরামবাগ প্রাণিত হয়। বিশেষ করে ডিভিসি ও পঞ্চায়ত জলাধার থেকে যখন লক্ষ লক্ষ কিউসেক জল ছাড়া হয় তখন বন্যা পরিস্থিতি ভয়াবহ আকার ধারণ করে। এই সকল ক্ষেত্রে যন্ত্রটিকে কাজে লাগানো গেলে অনেকক্ষেত্রেই বন্যা নিয়ন্ত্রণ সম্ভব হবে বলে মনে করছে স্থানীয় প্রশাসন। ইতিমধ্যেই যন্ত্রটিকে বন্যা নিয়ন্ত্রণে কাজে লাগানো যায় কি না, সেবিষয়ে চিন্তাভাবনা শুরু করেছে হুগলি জেলা প্রশাসন।



Principal in Charge
Hooghly Engineering & Technology College
Vivekananda Road, Pipulpati, Hooghly.



HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE

VIVEKANANDA ROAD, PIPULPATI
P.O. 7 DIST. HOOGHLY, PIN 712103



ZEENEWS.INDIA.COM

Hooghly: বন্যা নিয়ন্ত্রণের ডিভাইস তৈরি করে তাক লাগাল হুগলির ইঞ্জিনিয়ারিং ছাত্র অয়ন

CONGRATULATIONS



Hooghly Engineering & Technology College

Principal in Charge
Hooghly Engineering & Technology College
Vivekananda Road, Pipulpati, Hooghly.



5th June 2021 WORLD ENVIRONMENT DAY

**Certificate of Appreciation to Ms. Somi Koley, Civill Engineering Department
Secure 1st Position
Inter-college Research Paper Presentation Contest organized by MAKAUT**



THALASSAEMIA AWARENESS & DETECTION CAMP
2018 & 2019 RESPECTIVELY

RANAGHAT THALASSAEMIA DETECTION CENTRE

(AN AUXILIARY UNIT OF STATE THALASSAEMIA CONTROL PROGRAMME)

RUN BY : NATIONAL HEALTH CARE CHARITABLE TRUST (N.H.C.C.T.)

NITI AAYOG UNIQUE ID : WB/2018/0199349

DAK BANGLOW BHAWAN, RANAGHAT, NADIA , 741201

Email : rtdcunit@gmail.com / nhcct.ngo@gmail.com

Office Mobile:-9635736364, Mobile : 8001364943/9434231137


Ref:

Date:- 08.11.2023

TO WHOM IT MAY CONCERN

This is to certify that, the Ranaghat Thalassaemia Detection Centre run by NHCCT, had organised an awareness generation camp about Thalassaemia and Blood Sample Collection camp for thalassaemia screening test on 03.09.2019 at Hooghly Engineering & Technology College with their full cooperation and support. We had collected 167 blood sample for screening test and testing reports were handed over to them in due time. The certificate is issued by using our office records.

We wish every success of the institution.


Deputy Director 8/11/23

Ranaghat Thalassaemia Detection Centre
A-Unit of STCP, Govt of W.B. R/S. NHCCT
Dak Banglow Bhawan, Ranaghat, Nadia

RANAGHAT THALASSAEMIA DETECTION CENTRE

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Ref:

Date:- 08/11/2023

TO WHOM IT MAY CONCERN

This is to certify that, the Ranaghat Thalassaemia Detection Centre run by NHCCT, had organised an awareness generation camp about Thalassaemia and Blood Sample Collection camp for thalassaemia screening test on 04.10.2018 at Hooghly Engineering & Technology College with their full cooperation and support. We had collected 314 blood sample for screening test and testing reports were handed over to them in due time. The certificate is issued by using our office records.

We wish every success of the institution.


Deputy Director 8/11/23

Ranaghat Thalassaemia Detection Centre
A-Unit of STCP, Govt of W.B. R/S, NHCCT
Dak Banglow Bhawan, Ranaghat, Nadia

CERTIFICATE OF APPRECIATION

This Certificate is Proudly Presented To

Assoc. Prof. Ankan Bhattacharya

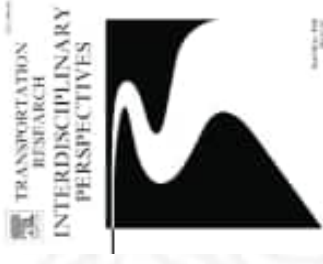
Hoghly Engineering & Technology College, India

In honor of your excellent work as Technical Committee Member and your significant contribution to the success of the 12th International Conference on Communications, Circuits, and Systems (ICCCAS), Singapore during May 5-7, 2023.





Transportation Research
Interdisciplinary Perspectives



Certificate of Reviewing

Awarded since October 2021 (2 reviews)
presented to

TANUMOY GHOSH

in recognition of the review contributed to the journal



The Editors of Transportation Research Interdisciplinary Perspectives

SN Applied Sciences (indexed in ESCI, SCOPUS, CiteScore 5.2)



Engineering: Application of Machine Learning, Artificial Intelligence and Deep Learning in the Field of Microwave Engineering: Devices and Communication
- Open for Submission

Guest Editor - **Ankan Bhattacharya**

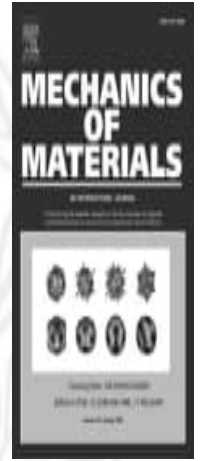
Associate Professor, Hooghly Engineering & Technology College, India.

This Topical Collection is dedicated to highlighting the application of Machine Learning (ML), Artificial Intelligence (AI) and Deep Learning (DL) in the field of Microwave Engineering: Devices and Communication. It will concentrate on AI/ML/DL approaches in Microwave Engineering, which includes new breakthroughs, design and performance techniques of various Microwave Devices like Antennas, Filters, Couplers etc. Starting with single/multiband antennas, this topical collection will showcase the application of AI/ML/DL in the design and/or performance features of wideband to super wideband antennas including Multiple-Input-Multiple-Output (MIMO) antenna structures suited for wireless communication.

It will also focus on the use of AI/ML/DL in various aspects of Terrestrial and/or Satellite-based Microwave Communication: Processes, Algorithms and Protocols.



To learn more about the Topical Collection and SN Applied Sciences, please click [here](#) or scan the QR Code to visit the website



Mechanics of Materials

Certificate of Reviewing

Awarded for 2 reviews between August 2018 and September 2018

presented to

RAJESH PATRA

in recognition of the review contributed to the journal

The Editors of Mechanics of Materials





Review History Report

Rajesh Patra



From: 1 August 2018

To: 30 September 2018

All dates in GMT

Total journals reviewed for:	1
Total reviews completed:	2



Mechanics of Materials	2
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Review History Report

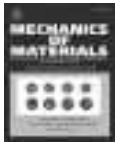
Rajesh Patra



From: 1 August 2018

To: 30 September 2018

All dates in GMT



Mechanics of Materials

2 reviews completed

Manuscript title	Revision	Date completed
Frictional moving contact problem of an orthotropic layer indented by a rigid cylindrical punch	1	16 September 2018
Frictional moving contact problem of an orthotropic layer indented by a rigid cylindrical punch	0	15 August 2018



Defence Science Journal

Awarded the Certificate of Excellence in Reviewing to

Ankan Bhattacharya

in recognition and appreciation of outstanding contribution
made to the quality of the journal in the year 2023

Defence R&D Organisation
Metcalfe House, Delhi - 110054, India

Dr K. Nageswara Rao
Editor-in-Chief

Bandel Vidyamandir Girls' High School

Recognised by West Bengal Board of Secondary Education

Index No. G2-117
Phone No. 2631-1031

MORNING

P.O.- Bandel
Dist- Hooghly.

Ref. No. BVGH/25/2024

Date 22.06.2024

To,
The Principal,
Hooghly Engineering & Technology College.

Sub: School visit to HETC

Respected Sir,

I undersigned hereby inform you that an educational tour had been organized in HOOGHLY ENGINEERING TECHNOLOGY COLLEGE on 4th May 2023 on behalf of Bandel Vidyamandir Girls' High School. Students of Class IX & X participated in this educational tour that was a part of their Summer Project. I hope, they gained some basic knowledge after visiting different departments of the aforesaid College which will help them to make educational decision in future.

Thanking you in anticipation,

With regards

Shandi (Saha) 22.06.2024

Teacher-in-Charge
Bandel Vidyamandir
Girls' High School
Bandel, Hooghly

A BRIEF REPORT ON EXTENSION ACTIVITIES

ANNUAL SCHOOL CONNECT PROGRAMME: SCHOOL CARNIVAL - 2022

ORGANIZED BY HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE

Introduction:

Hooghly Engineering & Technology College (HETC) in its 18 years of excellence has successfully conducted its annual School Connect Programme, known as the "School Carnival," as part of its Extension and Community Outreach Activities. This event aimed to bridge the gap between school education and engineering education, fostering educational engagement and enhancing community involvement.

Date & Venue:

The colorful and memorable whole daylong event was held on 12th November 2022 at HETC campus, Hooghly.

Objectives:

- **Educational Engagement:** Introduce school students to the world of engineering and technology through interactive displays and demonstrations.
- **Community Integration:** Strengthen ties between HETC and local schools, promoting mutual understanding and collaboration.
- **Skill Development:** Provide workshops and activities aimed at enhancing students' technical skills and knowledge.
- **Career Awareness:** Offer insights into career opportunities in engineering and related fields.

Description of the Event:

At around 10:30 a.m. onwards the event came to live with the inauguration of School Carnival 2k-22 by our honorable President HETCS Dr. T. K. Bandyopadhyay, hon'ble Secretary HETCS Dr. Avijit Maity and Principal-in-Charge HETC Dr. Smitadhi Gangly.

A huge response was received from the participant's corner of Class 6 to Class 12. Around 400 student's was participated in our grand carnival events from Hooghly, Howrah, Burdwan, Kolkata, Bankura, North & South 24 Paraganas districts. The carnival was constituted with the following colorful sub-events:

Sl. No.	Name of the Events
1	Sit & Draw
2	Cricket
3	Quiz
4	Extempore
5	Chess
6	Fun Science
7	Mathmania (Junior & Senior)

Principal in Charge
Hooghly Engineering & Technology College
Vivekananda Road, Pipulpati, Hooghly.

Sreyasi Rupa De
16/11/22

19 groups was participated in the event - Cricket, and turned it's a mega event not only that 100+ students participated in the event - Chess.

A lot of enthusiast's teachers, guardians, and many more gathered around from different school to cheer up the students. Local media has captured the grand moments for press release and published on "Bartaman" newspaper dated 15th November 2022.

Around 6.30 P.M. the great festive journey ended on a joyous and entertaining prize distribution ceremony with the winners with appreciation certificates and trophy and all the participant has been awarded with participation certificates.

All of us really enjoyed a lot and with a sincere hope that such mega events should be organized every year for giving the scope to school students showcase their talents. The notable appreciations received from the desk of Teachers from various school, Participants & Guardians which making the day memorable for everyone, the memories which would be carried by the every person present at that day in their bottom of the heart.

Last but not the least on behalf of Convener desk I would like to congratulate to the Management, Joint Convener, all the core members, and volunteers of the School Carnival 2022 as well as all the Teaching Non-Teaching staff members of HETC, all the Students & Stakeholder for their whole hearted support for the mega event.

Conclusion:

The "School Carnival" organized by HETC exemplifies the college's commitment to educational outreach and community engagement. It provided an invaluable platform for school students to explore the exciting world of engineering and technology while fostering a spirit of collaboration and learning. The event's success underscores HETC's role in nurturing future talent and promoting academic excellence in the region.

Principal-in-Charge, HETC

Principal in Charge
Hooghly Engineering & Technology College
Vivekananda Road, Pipulpati, Hooghly.

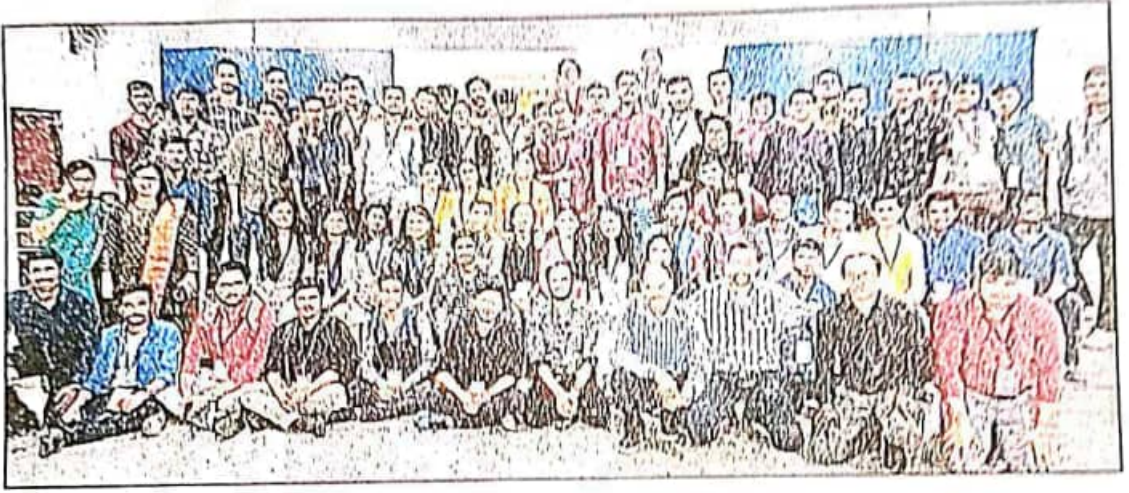
Convener
School Carnival Committee

16/11/2022

বর্তমান

হাওড়া ও হুগলী, মঙ্গলবার, ১৫ ই নভেম্বর ২০২২

ইতে ছিলেন শরৎচন্দ্র চট্টোপাধ্যায় প্রতিযোগিতায় অংশ নিয়েছিলেন।



হুগলী ইঞ্জিনিয়ারিং অ্যান্ড টেকনোলজি কলেজের তরফে ১২ নভেম্বর স্কুল কার্নিভালের আয়োজন করা হয়েছিল। ৪০০ পড়ুয়া এই প্রতিযোগিতায় অংশ নেন। ক্রিকেট, দাবা, কুইজ, অঙ্কন, তাৎক্ষণিক বক্তৃতা, অক্ষ, বিজ্ঞান সহ বিভিন্ন বিষয়ের উপর আকর্ষণীয় পরীক্ষা হয়। হুগলী, হাওড়া, বর্ধমান, কলকাতা, বাঁকুড়া সহ বিভিন্ন জেলার ছাত্রছাত্রীরা প্রতিযোগিতায় অংশ নিয়েছিলেন।

Sreyasi Rupa De
16/11/22

Principal in Charge
Hooghly Engineering & Technology College
Vivakananda Road, Pipulpat, Hooghly.

সো
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জান
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