

STUDENTS' CONFERENCE
ON
RECENT ADVANCES IN CIVIL ENGINEERING
(RACE - 2023)

28th and 29th April, 2023
HIT Campus, Haldia, West Bengal



Organized by
The Department of Civil Engineering

HALDIA INSTITUTE OF TECHNOLOGY

(An Autonomous, NBA & NAAC Accredited Grade 'A+' Institute, affiliated to Maulana
Abul Kalam Azad University of Technology, West Bengal)

ABOUT THE INSTITUTE

Haldia Institute of Technology (An autonomous institute of ICARE, Haldia, approved by AICTE and Affiliated with MAKAUT, West Bengal) began its journey in the year 1996. It is the first private and accredited academic institute to impart technical education. The Institute is situated at Haldia – an industrial hub in Eastern India. Since its inception, Haldia Institute of Technology is dedicated to the objectives of creating highly trained professional manpower in various disciplines of Engineering, Technology, and Social Science. The Institute is also dedicated to the contribution of higher scientific research. Haldia is situated at on the confluence of Hooghly and Haldia river in Purba Medinipur district, West Bengal. It is about 58 nautical miles by waterways and 130 km. by roadways from Kolkata. The area is well connected with roads, waterways and railways.

ABOUT CIVIL ENGINEERING DEPARTMENT

Department of civil engineering was established in year 2005, with the vision to become a dynamic contributor to the community by ensuring excellence in academics and research in the field of Civil Engineering. The department focuses to create an environment that will facilitate the growth of individuals in this field through innovative teaching and research with a strong tie-up with industry. The Department offers a B.Tech degree course in Civil Engineering and M.Tech degree course in Structural Engineering. Students are motivated and trained up for GATE/GRE/TOEFL/CAT etc. by our faculty members. The department is accredited by NBA and NAAC (A+ grade). Department organizes workshops, expert talk etc., regularly.

Objective of the Conference is to Establish Professional Relationships and Friendships that will last A Lifetime.

The student conference is a platform to exchange new ideas of research and projects undertaken by the Civil Engineering department in collaboration with other disciplines in the institute. The conference will move into an offline format to allow the students to celebrate their work in the recent years. The conference aims to provide an opportunity for the students to develop their network and to discuss their research work with eminent speakers and fellow students from other parts of our country. The primary showcase of the conference includes student paper and poster presentations, which provide a more detailed summary of all the innovative technical research/ projects.

CHIEF PATRON

Dr. Lakshman Chandra Seth, D.Litt.

Chairman, Haldia Institute of Technology



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Mr. Asish Lahiri, Secretary, ICARE
Mr. Sayantan Seth, Vice-Chairman, HIT
Mr. Sudipton Seth, ICARE

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Prof. (Dr.) Subrata Mondal
Principal,
Haldia Institute of Technology

Prof. (Dr.) Tarun Kanti Jana
Dean of Engineering
Haldia Institute of Technology

HEAD OF THE DEPARTMENT

Prof. (Dr.) Sasank Shekhar Hota
Department of Civil Engineering, HIT

MENTOR AND EXPERT SPEAKER



Prof. (Dr.) Somnath Ghosh
BE (Civil), M.Tech, Ph.D., MBA,
MIStructE (London), CEng (London)
Chartered Structural Engineer (IStructE - London)
Department of Civil Engineering, HIT

EXPERT SPEAKERS

Somnath Dutta
General Manager, CESC-Thermal Power Plant
Haldia

A. C. Mishra
Plant Head
MCPI- Haldia



Dr. Gautam K. Bysack
Chairman
Civil Engineering Division,
West Bengal State Centre,
The Institution of Engineers (India)



Dr. Ambarish Ghosh
Professor,
Head of Civil Engineering Department
IEST, Shibpur



Dr. Rana Roy
Professor,
Aerospace Engineering and Applied Mechanics
IEST, Shibpur



Prof. Dr. RadhaRani Das
Dean of Chemical Engineering, Bio-Technology and Food Technology
Haldia Institute of Technology

ADVISORY COMMITTEE

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Principal, HIT

Dr. Anjan Mishra
Registrar, HIT

Prof. (Dr.) Tarun Kanti Jana
Dean, School of Engineering, HIT

CONVENORS

Dr. Payel Chaudhuri, Assistant Professor
Department of Civil Engineering, HIT

Amit Golder, Assistant Professor
Department of Civil Engineering, HIT

JOINT CONVENORS

Ravi Raj Sisodiya – Final year student
Department of Civil Engineering, HIT

Rohan Kumar – Final year student
Department of Civil Engineering, HIT

Ananya Kar – Final year student
Department of Civil Engineering, HIT

Vivek Kumar – Final year student
Department of Civil Engineering, HIT

ORGANIZING COMMITTEE

Dr. Bijoli Mondal
Associate Professor
Department of Civil Engineering, HIT

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Assistant Professor
Department of Civil Engineering, HIT

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Dr. Atrayee Bandyopadhyay
Assistant Professor
Department of Civil Engineering, HIT

Ravi Kumar, Website Designer
Department of Computer Science &
Engineering, HIT

Contact for queries – **8227078020; 8083171189; 9831025676; 7903573948; 8961639654**

PAPERS AND POSTERS ARE INVITED ON THE FOLLOWING TOPICS:

➤ **STRUCTURAL ENGINEERING**

- **CONCRETE TECHNOLOGY**
- **EARTHQUAKE ENGINEERING**
- **DYNAMIC ANALYSIS OF STRUCTURES**
- **WIND ENGINEERING**
- **NUMERICAL MODELLING**
- **BUILDING MATERIALS**

➤ **WATER RESOURCES ENGINEERING**

- **HYDRAULICS AND HYDROLOGY**
- **IMPACT OF CLIMATE CHANGE ON WATER RESOURCES**
- **BANK EROSION**

➤ **GEOTECHNICAL ENGINEERING**

- **ADVANCE FOUNDATION ENGINEERING**
- **SOIL –STRUCTURE INTERACTION**
- **EARTHQUAKE GEOTECHNICS**

➤ **INNOVATION IN HIGHWAY ENGINEERING**

➤ **ENVIRONMENTAL ENGINEERING**

- **AIR POLLUTION AND CONTROL**
- **INDUSTRIAL WASTE WATER TREATMENT**
- **GROUNDWATER CONTAMINATION**

Last date of Registration – 20.04.2023

Rock Bottom Last date of Paper and Poster Submission – 24.04.2023

Registration fees – Rs.1200/-

<https://forms.gle/UPxsyp2dTr7xs58w7>

PAYMENT DETAILS

Bank Name: CANARA BANK

Account No.: 95582200022467

Account Holder Name: NEXUS CE HIT

IFSC CODE: CNRB0019558

How to apply:

Interested students from different institutions, are requested to fill the online registration form by clicking on the link below (or copy the link, paste it to some browser, and press enter) or direct from our website link provided below by 18.04.2023.

WEBSITE LINK  <https://robi6684.github.io/RACE-2023/>

Participants will get a copy of certificate and with conference kits after successful completion of the conference. Some prizes will be announced as token of appreciation.