



## One Week Faculty Development Program (FDP)

On

**“Environmental Impact and It’s  
Protection”**

**13<sup>th</sup>-17<sup>th</sup> May, 2024**

**Organized By**

**Department of Civil Engineering  
(NBA Accredited)**

**HALDIA INSTITUTE OF TECHNOLOGY**

**An Autonomous Institute**

Approved by AICTE | Affiliated to MAKAUT  
NAAC Accredited Institute with Grade 'A'  
Haldia, Purba Medinipur-721657, W.B.

**In association with  
IQAC, Haldia Institute of Technology  
Haldia-721657**



## ABOUT THE INSTITUTE

**Haldia Institute of Technology** (An autonomous institute of ICARE, Haldia, Approved by AICTE and Affiliated to MAKAUT, West Bengal) began its journey in the year 1996. It is the first private and accredited academic institute imparting technical education. The Institute is situated at Haldia – an industrial hub in Eastern India. Since 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 Institute of Technology is about 125 km from Kolkata and is well connected by rail and road with important metro cities of India.

## ABOUT THE DEPARTMENT

The 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 and to create an environment that will facilitate the growth of individuals in this field through innovative teaching, research with a strong tie-up with industry. The Department offers a 4-year-8th semester B. Tech degree course in Civil Engineering and 2-Year-4th Semester 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 National Board of Accreditation (NBA)

### Objective

- Deliberation and sharing knowledge to the target audience about the significance of research skills
- To create and generate awareness about various facts of human Values
- Importance of Environment in human life.
- To develop a basic understanding and the crucial need to adopt Green & Sustainable Technologies.
- To develop a basic understanding of Material for Water Purification

## THEME/ SCOPE OF THE PROGRAMME

The short-term training program aims to include the following topics:

- Ground water Transport modelling
- Development of Sustainable water management
- Microbiological perspectives on Bio concrete- Bacteria induced Built Material
- Sustainable Waste water treatment
- Utilization of waste to protect environment
- Advance Material for Water purification
- Groundwater contamination, its impact on environment
- Impact of agricultural practices on soil and groundwater quality.
- Research Methodology
- Communication Skill

### Faculty conducting this programme

The online programme will be conducted by the faculty members from Department of Civil Engineering, HIT, Haldia. Academicians in the concerned field from IITs/NITs/JU/IEST/CSIR are invited to deliver lectures in the programme.

### Eligibility:

The programme is open to the Faculty members/Demonstrators of Engineering institutes/ Colleges/Universities, Research Scholars and Industry personnel working in the concerned /allied discipline.

### Registration:

**No Registration Fee required.**

E-Certificate will be provided to all the participants.  
Last date of registration: 12<sup>th</sup> May, 2024 till 11:59 PM.  
Limited registrations will be accepted – First cum first serve basis.

### Registration Link

<https://forms.gle/4r8tCTctsCubnrCx8>

### Contact Detail

[hitcefdp@gmail.com](mailto:hitcefdp@gmail.com)

[+91-9735814870](tel:+91-9735814870)

## CHIEF PATRON



**Dr. Lakshman Chandra Seth, D. Lit.**  
Chairman, ICARE & Chairman, HIT, Haldia, W.B

## PATRONS

**Mr. Ashis Lahiri**  
Secretary, HIT

**Mr. Sayantan Seth**  
Vice-Chairman, HIT

**Mr. Sudipton Seth**  
Asst. Secretary, ICARE

## ADVISORY COMMITTEE

**Prof. (Dr.) Subrata Mondal**  
Principal, HIT

**Dr. Anjan Mishra**  
Registrar General, HIT

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

## CHAIRMAN OF THE FDP

**Prof. (Dr.) Sasank Sekhar Hota**  
Head, Department of Civil Engineering, HIT

## ADVISOR

**Prof. (Dr.) Somnath Ghosh**  
Emeritus Professor,  
Department. of Civil Engineering, HIT

## CONVENER



**Mr. Saikat Shome**  
Assistant Professor,  
Department. of Civil Engineering, HIT

## PROGRAMME CO-ORDINATORS

**Mr. Ajit Kr. Paria**, Assistant Professor

**Mrs. Yellanki Deepti**, Assistant Professor

**Mr. Satyabrata Patra**, Assistant Professor

## ORGANIZING COMMITTEE MEMBERS

**Mr. Abhishek Naskar**, Assistant Professor

**Mr. Avik Sahoo**, Assistant Professor

**Mr. Kausik Bera**, Assistant Professor

**Mr. Bimalendu Mandal**, Assistant Professor.

**Mr. Saikat Panja**, Assistant Professor

**Mr. Souvik Das**, Assistant Professor

**Mr. Suraj Prakash Dandapat**, Assistant Professor

**Mr. Debanjan Das**, Assistant Professor

**Dr. Atrayee Bandyopadhyay**, Assistant Professor

**Mrs. Soumi Rajbanshi**, Assistant Professor

**Dr. Amit Golder**, Assistant Professor

**Dr. Payel Choudhari**, Assistant Professor

## EXPERT SPEAKERS



**Prof. (Dr.) Tarit Roy Choudhury**  
School of Environmental Science  
Jadavpur University



**Prof. (Dr.) Anjali Pal**  
Former Professor,  
Department of Civil Engineering,  
IIT - Kharagpur



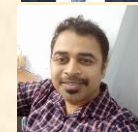
**Prof. (Dr.) Somnath Mukherjee**  
Former Professor.  
Department of Civil Engineering  
Jadavpur University



**Dr. Indrasis Das**  
Scientist,  
Environmental Engineering Department,  
CSIR-Central Leather Research Institute



**Prof. (Dr.) Susobhan Das**  
Professor,  
Department of Biotechnology.  
HIT, Haldia



**Prof. (Dr.) Amit Biswas**  
Head, Department of Agricultural  
Engineering, HIT, Haldia



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



**Prof. (Dr.) Jyoti Doley**  
Associate Professor  
School of Applied Science and Humanities  
HIT, Haldia