

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 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 CIVIL ENGINEERING 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 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 National Board of Accreditation (NBA).

MISSION OF THE DEPARTMENT

1. To produce quality engineering graduates with the capacity of serving the arena of science, engineering, teaching, research, entrepreneurship, and management.
2. To add skill-set such as communication parameters, ethical inputs and to nurture the characteristics of lifelong learning.
3. To ensure the capability of working in a team effectively in different environments and to add tenacity to build workforce.

No registration fees.

How to apply:

Interested Students, Faculty members, Technicians, Academicians from other institutions, and Professionals from industry, are requested to fill the online registration form by clicking on the following link (or copy the link, paste it to some browser, and press enter) by 26.08.2022

<https://forms.gle/EXDTv4SS1JLbCMVh6>

❖ **Participants will get soft copy of certificate after successful completion of the workshop.**

Contact detail:

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Prof. (Dr.) Sasank Sekhar Hota

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Mr. Souvik Das, Assistant Professor

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Dr. Atrayee Bandyopadhyay, Assistant Professor

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A Full Day Workshop

on

COMPUTER-AIDED STRUCTURAL ANALYSIS AND DESIGN

30th August, 2022

10:00am to 5:30pm

S N Bose Auditorium, HIT



Organized by
Department of Civil Engineering
(NBA Accredited)

HALDIA INSTITUTE OF TECHNOLOGY

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



ABOUT THE WORKSHOP

Department of Civil Engineering is always in the process of interacting with experts from different areas of engineering working in industry, institutes and research organizations and creating a platform to disseminate knowledge among the faculty members, students and interested professionals outside the institute. In this context, this workshop provides an opportunity to upgrade our knowledge on “**Computer-aided Structural Analysis and Design**” related to applications in Civil engineering. Software plays an important role in the field of Structural Engineering, related to computer-aided design, drafting and analysis. Softwares improves the quality to arrive at optimal design. Softwares also can handle highly redundant structures with high level of precision. Therefore, this workshop is appropriately proposed to address the knowledge, to utilize the computer-aided approaches for structural analysis and design.

OUTCOME OF THE WORKSHOP

- Participants will get the opportunity to gain knowledge on ABAQUS and STAAD Pro based **Computer-Aided Structural Analysis and Design** by the experts from academic institutions and industry.
- Participants will be exposed to Research Methodology and IPR related issue.
- Participants will gain better understanding about structural behavior and design in order to serve industry and academics in a better way.

CHIEFPATRON



Dr. Lakshman Chandra Seth,
Chairman, HIT

PATRONS

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

EXPERT SPEAKERS



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.) Amiya Kumar Samanta
B.CE., M.CE., Ph.D.
Professor & Head
Department of Civil Engineering
NIT Durgapur



Dr. Arundeb Gupta
Ph.D. (Engg), M ASCE (USA),
C Eng (I), FIE (I) FIAStruct E
Principal Structural Engineer
Skematic Consultants
Kolkata



Prof. (Dr.) Sasank Sekhar Hota
B.Sc. (Engg), Ph.D.
Professor & Head
Department of Civil Engineering
HIT, Haldia

ADVISORY COMMITTEE

Prof. (Dr.) Subrata Mondal
Principal, HIT
Dr. Anjan Mishra
Registrar, HIT
Prof. (Dr.) Tarun Kanti Jana
Dean, School of Engineering, HIT

CHAIRMAN OF THE WORKSHOP

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

ADVISOR

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

CHIEF CONVENOR

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

JOINT CO-ORDINATORS

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

ORGANIZING COMMITTEE MEMBERS

Mr. Abhishek Naskar, Assistant Professor
Mr. Avik Sahoo, Assistant Professor
Mr. Ajit Kr. Paria, Assistant Professor
Mr. Kausik Bera, Assistant Professor
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Mr. Suraj Prakash Dandapat, Assistant Professor
Mr. Satyabrata Patra, Assistant Professor
Mr. Debanjan Das, Assistant Professor