



ONE -WEEK FACULTY DEVELOPMENT PROGRAM

Emerging Technologies (IoT, Cloud Computing, Generative AI) and their roles in Outcome Based Education (OBE) under NEP 2020

ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) HALDIA INSTITUTE OF TECHNOLOGY IN ASSOCIATION WITH IQAC, HALDIA INSTITUTE OF TECHNOLOGY AN AUTONOMOUS NAAC ACCREDITED TECHNICAL INSTITUTE WITH "A" GRADE ADDRESS: HATIBERIA, ICARE COMPLEX, HALDIA, PURBA MEDINIPUR, WEST BENGAL, 721657



Date : 18th to 24th September, 2025

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HIT, ICARE, Haldia, West Bengal, India

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Convenor

Prof. Soumen Ghosh, Asst. Professor,
CSE – (DS), HIT
Prof. Kalyan Maji, Asst. Professor,
CSE – (DS), HIT

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 self-financed 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 as well as Applied Science and Social Science. The Institute is also dedicated to advanced 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.

Meet Our Speakers



Prof. Debashis De
Professor, MAKAUT,WB
18.09.2025 (Thursday)
10:00 am to 11:30 am



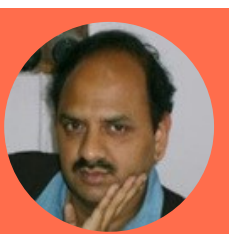
Prof. Goutam Pal
Assoc. Professor , ISI, Kolkata
19.09.2025 (Friday)
01:00 pm to 02:00 pm



Prof. Subhankar Joardar
Prof. & Dean (SCEI), HIT Haldia
22.09 .2025 (Monday)
10:00 am to 11:30 am



Prof. Madhumangal Pal
Professor, Vidyasagar University, WB
23.09.2025(Tuesday)
10:00 am to 11:30 am



Prof. Sankhayan Choudhury
Professor, CU
24.09.2025(Wednesday)
10:00 am to 11:30 am

The Department of Computer Science and Engineering (Data Science) focuses on equipping students with advanced skills in data analysis, machine learning, and big data technologies. It emphasizes a strong foundation in algorithms, programming, and statistical methods to prepare students for careers in data-driven industries. The department integrates hands-on projects, research opportunities, and industry collaborations to foster practical knowledge and innovation. By combining core computer science principles with data science techniques, the department aims to develop professionals capable of solving complex real-world problems through data-driven decision-making and intelligent systems.

This FDP explores the integration of emerging technologies into education under NEP2020 and Outcome Based Education (OBE). OBE emphasizes achieving learning outcomes aligned with industry needs and global standards. The program highlights how IoT, Cloud Computing, and Generative AI can transform teaching and learning by fostering experiential learning, personalization, and continuous assessment. IoT enables real-time data interaction and smart classrooms, Cloud Computing ensures scalable and accessible resources, and Generative AI supports creativity and adaptive learning. Together, these tools help educators design competency-based curriculum that build critical thinking, problem-solving, and innovation. This FDP equips faculty with knowledge and practical skills to implement such technologies, advancing OBE goals and fulfilling NEP 2020's vision of a technology- driven, learner-centric education system.

REGISTER NOW

Registration Link

<https://forms.gle/kmBndQAWomLkWjLU7>



No Registration Fee

Theme of the FDP

Organizing Committee Members

Prof. Kunal Pradhan, Asst. Professor, CSE – (DS) , HIT
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Prof. Sudip Mishra, Asst. Professor, CSE – (DS), HIT
Prof. Dipannita Basu, Asst. Professor, CSE – (DS), HIT
Prof. Aratrika Banerjee, Asst. Professor, CSE – (DS), HIT
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Prof. Surajit Dey, Asst. Professor, CSE – (DS), HIT
Prof. Papri Ghosh, Asst. Professor, CSE – (DS), HIT
Mr. Anup Kr Das, Demonstrator, CSE – (DS), HIT
Ms. Ananya Santra, Technical Assistant, CSE – (DS), HIT
Mr Sanjib Bhowmik, General Assistant, CSE – (DS), HIT