इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY

**Multilevel Capacity Building and Skilling in Industry-aligned Emerging Technologies (MCBS)**

*Funded by MeitY, Government of India*

*Implemented by* Central Institute of Technology (CIT) Kokrajhar

## ORGANIZED BY:

**Dept of Computer Science and Engineering -Cyber Security**

# Haldia Institute of Technology, Haldia

## Machine Learning and Emerging Technologies in Cyber Security



### WHY ATTEND?

- Connect academic concepts with real industry practices.
- Learn through expert insights and practical exposure.
- Explore current tools, challenges and career pathways.

**Learn from Industry Experts**

### Expected Learning Outcomes (LO)

- ✓ Understand the evolving cybersecurity threat landscape.
- ✓ Apply Machine Learning techniques for cybersecurity applications
- ✓ Gain practical exposure to AI/ML tools cyber defence.
- ✓ Understand emerging technologies including Generative AI, IoT Security and Zero trust Architecture.
- ✓ Build and evaluate basic ML- based intrusion detection models.
- ✓ Explore career opportunities and currents industry practices in AI-driven cybersecurity.

### Roadmap

**Lecture Session**

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**Experimental Session**

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**Industry Session**

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**Hands-On-Session**

### WHO CAN PARTICIPATE?

B. Tech students from CSE (Cyber Security) and CSE allied branches of HIT Haldia.

### COURSE SCHEDULE

**25th - 26th November 2026**

### TIMINGS

**10.00 am to 7.00 pm**

### Chief Patron

**Dr. Lakshman Ch. Seth, D. Litt.**
Chairman, ICARE &
Haldia Institute of Technology

### Patrons

**Sri Asish Lahiri**
Secretary, ICARE &
Haldia Institute of Technology

**Sri Sayantan Seth**
Vice Chairman, ICARE &
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### Advisors

**Dr. Anjan Mishra**
Registrar General,
Haldia Institute of Technology

**Prof. Tarun Kanti Jana**
Principal,
Haldia Institute of Technology

### Convenor

**Dr. Sabyasachi Samanta**
Professor and Head, Dept. of CSE - Cyber Security,
Haldia Institute of Technology

### Coordinator

**Dr. Arpita Mazumdar**
Assoc. Professor, Dept. of CSE - Cyber Security,
Haldia Institute of Technology
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**Learn – Build – Innovate – Apply**