

About the college

Institute of Engineering & Management (IEM) was established as the **first self-financed engineering college in the state of West Bengal** at Kolkata in **1989**. Since then the institute has been socially accredited as the best self-financed engineering institute of West Bengal and admits top ranking students. The Institute achieved Grade A from National Assessment and Accreditation Council (NAAC). The institute runs full time four year B.Tech courses in **CSE, ECE, EEE, EE, IT, ME, AIML, IOT, IOTCSBT and CSBS**. The institute also runs full time (2 years) **M.Tech courses in CSE, ECE and IT in CSE, ECE and IT**. Not only engineering courses the Institute has Under Graduate and Post Graduate degree in Management.

About the Department

The **Electronics and Communication Engineering Department** is one of the oldest engineering departments of Institute of Engineering and Management. **Accredited by the NBA and approved by AICTE** it was established in the year **1996** under the affiliation of Kalyani University and subsequently under Maulana Abul Kalam Azad University of Technology (erstwhile West Bengal University of Technology). Right from its inception, it aimed towards imparting quality education with special emphasis on technical knowledge. **The department started its postgraduate course in VLSI and Microelectronics since the year 2006**. With access to the research in cutting edge technology, students from this department have maintained a consistent balance between academic excellence and extracurricular activities which is reflected in their achievements in the **technical fests, science exhibitions, cultural fests, etc.**

About the FDP

- This **Faculty Development Program (FDP) on Artificial Intelligence in VLSI and Embedded Systems** is organized to enhance the knowledge and skills of faculty members in the field of AI and its applications in the electronics domain and Embedded Systems.
- This program aims to provide participants with a comprehensive understanding of **AI techniques, algorithms and tools** relevant to electronics engineering.
- It also focuses on exploring the potential applications of AI in various aspects of electronics, such as **circuit design, signal processing, control systems, and embedded systems**.

Who can participate

All the **faculty members, research scholars, PhD students, Post Doctoral fellows and industry persons** can attend the FDP.



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Speakers



Dr. Subir Kumar Sarkar
VISITING PROFESSOR,
IEST SHIBPUR



Dr. Sudipto Chakrabarty
RESEARCHER AT IBM IN
QUANTUM COMPUTING



Dr. Soumya Pandit
ASSOCIATE PROFESSOR,
CALCUTTA UNIVERSITY



Dr. Vijay Nath
ASSOCIATE PROFESSOR, ECE
DEPARTMENT, BIT MESRA



Dr. Rajat Subhra Chakraborty
PROFESSOR, COMPUTER SCIENCE
& ENGINEERING, IIT KHARAGPUR



Dr. Adway Mitra
ASSISTANT PROFESSOR,
IIT KHAGAGPUR



Dr. Anand Mukhopadhyay
CS ENGINEER, MATHWORKS



Dr. Monalisa Pal
EDUCATION TEAM, MATHWORKS

Chief Patron

- **Prof. (Dr.) Satyajit Chakrabarti**
Director, IEM Saltlake

Patron

- **Prof. (Dr.) Malay Ganguly**
Dean Academics, HOD, ECE Dept., IEM Saltlake
- **Prof. (Dr.) G. S. Taki**
Professor, ECE Dept., IEM Saltlake

Convenors

- **Prof. (Dr.) Ratna Chakrabarti**
Asst. HOD, ECE Department, IEM Saltlake
- **Prof. (Dr.) Mili Sarkar**
Associate Professor, ECE Dept., IEM Saltlake
- **Prof. (Dr.) Dipankar Saha**
Associate Professor, ECE Dept., IEM Saltlake

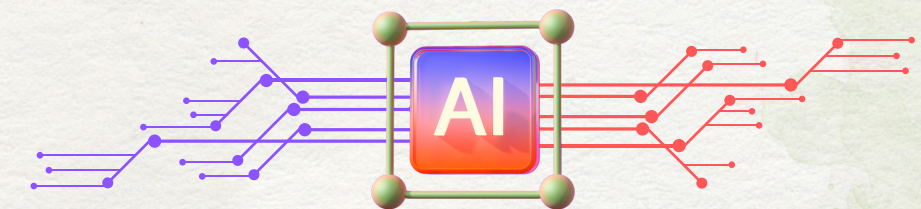
Faculty Co-ordinators

- **Prof. Soumik Kumar Kundu**
ECE Department, IEM Kolkata
- **Prof. Samit Karmakar**
ECE Department, IEM Kolkata



Faculty Development Program on

AI in VLSI and Embedded Systems



24th - 28th June, 2024

IEM Gurukul Campus, Ground Floor Seminar Hall

organized by

**Department Of ECE,
Institute of Engineering and Management
Kolkata Saltlake Campus**

in association with

**IEEE Circuits and Systems Society (CAS-S) Student Branch
Chapter, IEEE Women in Engineering (WIE) Student Branch
Chapter, IEEE Student Branch (SB) with IEM IQAC**

