

Resource Persons

Dr. Sandeep K Shukla

Indian Institute of Technology Kanpur

Dr. Swagatam Das

Indian Statistical Institute Kolkata

Dr. Sriparna Saha

Indian Institute of Technology Patna

Dr. Soumyadip Bandyopadhyay

ABB Corporate Research Centre, Bangalore

Dr. Urbi Chatterjee

Indian Institute of Technology Kanpur

Dr. Padmalochan Bera

Indian Institute of Technology, Bhubaneswar

Dr. Debashis De

Maulana Abul Kalam Azad University, WB

Dr. Debabrata Samanta

RIT Kosovo (A.U.K), Rochester Institute of Technology – RIT Global Campus

Dr. Debanjan Konar

Samsung Research & Development Institute Bangalore (SRIB), India

Dr. Kathrin Kind-Trueller

Cognizant Technology Solutions, Switzerland, Europe

A Few Key Points Regarding Participation

- Last Date of Registration: 31 December, 2024
- No registration fees.
- The FDP will be conducted in ONLINE mode only.
- The certificates will be issued to those participants who will attend the program with minimum 80% attendance and score minimum 60% marks in the test.

College of Engineering and Management, Kolaghat

Approved by AICTE New Delhi

Affiliated to Maulana Abul Kalam Azad University of Technology,
West Bengal.

Website: <https://www.cemkolaghat.in>



One Week Online
Faculty Development Programme on

Intelligent Computing Techniques and Its Engineering Applications (ICTEA-2025)

06 January - 10 January, 2025

Organized by:

**Department of Computer Science and Engineering
(NBA Accredited)**



ictea2025@cemk.ac.in



+91 82504 77137

Last Date of Registration: 31 December, 2024

No registration fees

Registration Link:

<https://forms.gle/7hneoBX2FMMKZJbw7>

Or Scan QR Here



FDP Webpage:

https://cemkolaghat.in/cse_ictea_2025.php

About the Institute

College of Engineering and Management, Kolaghat (CEMK) is an engineering college situated within the integrated campus of Thermal Power Plant, Govt. of West Bengal, spreading over 32 acres of land. The key factor of the college is the good governance under MIC, Power, Govt. of West Bengal as the Chairman of the college.

This institute is approved by All India Council for Technical Education (AICTE), and affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal formerly known as WBUT.

CEMK was established in September 1998 under the aegis of Vidyasagar Society for Integrated Learning (VSIL). The college run by the highly qualified and experienced faculty members with nearly all possible support systems, required for achieving the academic, as well moral excellence.

About the Department

The Department of Computer Science and Engineering was started in 1998 with an intake of 40. At present the intake is 240 after several phases of increment.

The department boasts about its excellent faculty members with extensive teaching experience, state-of-the-art laboratories, R&D section, Innovation Council, Coding Club, Departmental Library etc. Most of the students secure positions in reputable companies, while some pursue higher education with excellent scores in exams like GATE and GRE. Notably, alumni include Professor at IIT, Scientists in research organizations etc.

The Department is NBA Accredited since 2017.

Objective of the FDP

The Faculty Development Program (FDP) on "Intelligent Computing Techniques and Its Engineering Applications (ICTEA-2025)" aims to offer participants a comprehensive overview of the latest developments and trends in Computing Techniques. The objectives of this FDP include:

- Enhancing knowledge and skills
- Providing theoretical and practical exposure
- Encouraging research and innovation.

In summary, this FDP serves as a platform for educators, researchers, and industry professionals to stay updated on the latest advancements in Computing Techniques, paving the way for the next generation of Computer Science.

Participants

Faculty members of the AICTE approved institutions
Research scholars
PG Scholars
Participants from Government, Industry Bureaucrats/Technicians/ Professionals/
School Teachers and faculties of host institutions nominated by the head of the institutions.

Patron

Prof. (Dr.) Dilip Kumar Gayen
Director, CEMK

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Prof. Pallab Mandal
Prof. (Dr.) Suman Bhowmik
Prof. (Dr.) Chinmoy Maiti
Prof. Lipika Datta
Prof. Sushovan Das
Prof. Soumitra De
Prof. Poulami Mishra
Prof. Arijita Ghosh
Prof. Rupsa Sarkar
Prof. Abhinaba Bhattacharyya
Prof. Bidisha Maiti
Prof. Puja Chowdhury
Prof. Suity Roy

Mr. Sambhu Nath Maity
Mr. Balaram Dey
Mrs. Mousumi Pal
Mr. Swadesh Rn. Maji
Mr. Dulal Maji
Mr. Subhasis Maiti
Mr. Manas Kr. Routh



Contact Person

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(Technical Purpose)

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(Participation Purpose)





Programme Schedule

One Week Online Faculty Development Programme on Intelligent Computing Techniques and Its Engineering Applications (ICTEA-2025)

06 January - 10 January, 2025

Date	FN (10:00 AM – 12:00 NOON)	AN (2:30 PM – 4:30 PM)
06 / 01 / 2025 Monday	Dr. Debabrata Samanta RIT Kosovo (A.U.K), Rochester Institute of Technology Topic: Deep Learning in Medicine: Creating Accurate and Reliable Prediction Models	Dr. Urbi Chatterjee Indian Institute of Technology Kanpur Topic: The Present and Future of Hardware Security
07 / 01 / 2025 Tuesday	Dr. Swagatam Das Indian Statistical Institute Kolkata Topic: Navigating the Transformative Landscape of Generative AI: Large Language Models, Fairness, and Their Role in Scientific Exploration	Dr. Sriparna Saha Indian Institute of Technology Patna Topic: Some of the Recent Studies of Generative AI
08 / 01 / 2025 Wednesday	Dr. Soumyadip Bandyopadhyay ABB Corporate Research Centre, Bangalore Topic: Functional correctness of Software Migration for Industrial Automation domain	Dr. Kathrin Kind-Trueller Cognizant Technology Solutions, Switzerland, Europe Topic: Next-Generation Intelligent Computing: Harnessing Quantum Computing and Generative AI for Innovative Engineering Solutions and Business Transformation
09 / 01 / 2025 Thursday	Dr. Sandeep K Shukla Indian Institute of Technology Kanpur Topic: Blockchain Technology and Cyber Threats	Dr. Padmalochan Bera Indian Institute of Technology, Bhubaneswar Topic: Traffic Management and Security Challenges in Software Defined Networks
10 / 01 / 2025 Friday	Dr. Debanjan Konar Samsung Quantum Computing Unit Bangalore Topic: Introduction to Quantum Computing	Dr. Debashis De Maulana Abul Kalam Azad University Topic: Internet of Music Things (IoMT)

https://cemkolaghat.in/cse_ictea_2025.php