

Online Faculty Development Programme on

AI for Teaching and Learning

18 August - 29 August 2025



Jointly organized by Electronics and ICT Academies
Established by the Ministry of Electronics and Information Technology, Govt. of India

IIITDM Jabalpur



IIT Guwahati



IIT Kanpur



IIT Roorkee



MNIT Jaipur



NIT Patna



NIT Warangal



Objective (Electronics & ICT Academy-Phase II)

1. To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY by promoting emerging areas of technology and other high-priority areas that are pillars of both the "Make in India" and the "Digital India" programs.
2. To promote synergy and collaboration with industry, academia, universities and other institutions of learning, especially in emerging technology areas.
3. To support the National Policy on Electronics 2019 (NPE 2019) which envisions positioning India as a global hub for ESDM sector, including MeitY Schemes/policies such as Programme for Semiconductors and Display Fab Ecosystem; India AI; National Programme on AI, Production Linked Incentive Scheme for IT Hardware & Large-Scale Electronics Manufacturing; EMC; SPECS; Chips to System (C2S); etc.
4. To promote standardization of FDPs through Joint Faculty Development Programmes.
5. To support the vision of the National Education Policy (NEP 2020), which mandates that Indian educators go through at least 50 hours in professional development programmes per year.
6. To design, develop & deliver specialized FDPs on emerging technologies/ niche areas/ specialized modules for specific research areas for Faculty in Higher Education Institutions (HEI), besides FDPs on multi-disciplinary areas connected with ICT tools and technologies and other digital hybrid domains, covering a wide spectrum of Engineering, and non-engineering colleges, polytechnics, ITIs, and PGT educators.

Joint-Principal Coordinator

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An intensive 40 hours Training Programme will be offered in online mode (including theory and hands-on sessions) and is intended for faculty and research students of engineering and technological institutions. The training program will explore the theme of "Artificial Intelligence for Teaching and Learning" which is a crucial field in today's era of modern technological advancement, particularly relevant for faculty members and other academicians. The classes will be held from 10 AM - 02 PM.

Course Objectives:

- Utilize AI Tools for Teaching – Develop hands-on skills in using AI-driven tools like ChatGPT, Canva, and Quizlet for lesson planning, content creation, and assessment.
- Enhance Student Engagement with AI – Explore AI-powered platforms like Nearpod, Kahoot, and Flipgrid to create interactive and personalized learning experiences.
- Address Ethical Considerations in AI – Analyze the ethical challenges of AI in education and research and develop strategies to integrate AI responsibly in teaching practices.

Course Outcomes:

- Faculty members will gain hands-on experience with a wide range of AI tools.
- Participants will be able to integrate AI tools into their teaching practices effectively.
- Enhanced understanding of AI-driven teaching-learning methodologies.
- Creation of a repository of AI-based lesson plans and resources.

Resource Persons:

- Dr. Anirban Dasgupta, IIT Guwahati
- Dr. Menka Yadav, MNIT Jaipur
- Prof. Vijay Kumar Gupta, PDPM IIITDM Jabalpur
- Dr. Mahipal Jadeja, MNIT Jaipur
- Dr. Satyendra S Chouhan, MNIT Jaipur
- Dr. Arnab Bhattacharya, IIT Kanpur
- Other eminent professionals from reputed institutions.

Registration Link: <https://forms.gle/EgSDeihVvd6s9oRq7>

Last Date of registration: 11/08/2025

Beneficiary Name -PDPM IIITDM Jabalpur

Bank Name - INDIAN BANK

A/C No. - 50018692852

IFSC Code - IDIB000M694

Registration Fee: ₹500 /-

The fee covers course material and certification charges.



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