



Online FDP on Redefining Teaching through AI, LMS and Digital Pedagogies

27th Oct to 6th Nov 2025



Chairman, EICT Academy & Director MNIT Jaipur

Prof. Narayana Prasad Padhy

Chief Investigator, EICT Academy

Prof. Vineet Sahula, ECE

Coordinator, EICT Academy

Dr. Satyasai Jagannath Nanda, ECE

Co- Chief Investigators, EICT Academy

Prof. Lava Bhargava, ECE

Prof. Pilli Emmanuel Shubhakar, CSE

Dr. Ravi Kumar Maddila, ECE

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 specialised FDPs on emerging technologies/ niche areas/ specialised 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.

In an era where AI is reshaping the future of education, teaching demands new mindsets, methods, and models. To lead this shift, a focused 40-hour Faculty Development Programme on Redefining Teaching through AI, LMS, and Digital Pedagogies is offered. Designed for faculty, researchers, and academic professionals, this programme explores foundational AI, prompt engineering, custom GPTs, LMS integration, and AI-enabled research. Through conceptual sessions, hands-on practice, and expert guidance, participants will gain practical strategies to transform classrooms and thrive in the AI-powered academic landscape. (4 hours/day, excluding Sundays/Holidays)

Experts/Speakers-

- Experts from Google (Gemini)
- Speakers from Moodle;
- Speakers from Active learning Group (consent awaited)
- Dr. Mahipal Jadeja, CSE, MNIT Jaipur
- Dr. Arka Prokash Mazumdar, CSE MNIT Jaipur
- Prof. Vineet Sahula, ECE, MNIT Jaipur
- Other Experts from IITs/NITs/reputed organizations

Programme Modules:

Module 1: Foundations of Agentic AI & Large Language Models: Understanding AI in Education, Basics of Large Language Models (LLMs), Role of AI in Teaching and Learning, Ethical Use and Bias in AI, Global Trends and Case Studies, Hands-on with ChatGPT/Gemini/Claude
Module 2: Prompt Engineering and Custom GPTs for Educators: Principles of Prompt Design, Crafting Prompts for Teaching, Assessment, Feedback, Structured vs Conversational Prompts, Creating Custom GPTs, Subject-Specific GPT Use Cases.
Module 3: AI-Enhanced Teaching and Learning Practices: Exploring AI for Content Creation, AI for Quizzes, Lesson Plans, and Slides, Visual Storytelling with AI, Class Engagement through AI Platforms, Automation in Academic Tasks, Practical Hands-on Exercises
Module 4: Teaching with LMS in the AI Era: Effective Use of LMS (Moodle, Google Classroom), Integrating AI Features with LMS, Personalization and Analytics, AI-Assisted Assessment and Grading, Gamification and Adaptive Learning Paths, Smart Course Design Activity
Module 5 : AI for Research, Documentation, and Academic Growth: Literature Review with AI, Research Summarization, Drafting Abstracts and Proposals, Referencing and Plagiarism Checks, Visual Research Representation, Hands-on Project: AI-Aided Research Idea

Programme Coordinator

Dr. Mahipal Jadeja, MNIT Jaipur	fdp.academy@mnit.ac.in	7069136994 (M)
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Registration:

Registration is open to faculty, industry persons, doctoral, postgraduate, and graduate students. Participants will be admitted on a first-come, first-served basis.

Register online at - <http://online.mnit.ac.in/eict/>

Registration Fee:

Mode of programme	Academia (faculty): India/SAARC/Africa	Others: India/SAARC/Africa	Rest of the world
Online	Rs. 500/-	Rs. 1500/-	US \$ 60/-
Classroom	Rs. 2000/-	Rs. 4000/-	--

(A) Fee once paid will not be refunded back.

(B) The fee covers online participation in the programme, tutorial notes and examination, certification charges etc.

(C) The registration amount may be paid through online mode- NEFT/UPI/Cards/SWIFT, provided at the registration portal.

(D) Detailed schedule will be shared after receiving registration form.

→ For any query, email us at fdp.academy@mnit.ac.in



MNIT Jaipur one of the oldest NITs, the institute has a rich heritage of sixty years producing world class engineers, managers, architects and scientists. Ranked 43rd nationally in the NIRF ranking-2024 (Engineering), the institute offers learning opportunities for undergraduate, postgraduate students, and researchers in various domains. Having a lush green campus of over 317 acres within the heart of the pink city, close to Jaipur International Airport, the campus offers a safe and lively environment. A world class teaching infrastructure, state-of-art laboratories welcome you at the campus. The institute has a vision to impart education of international standards and conduct research at the cutting edge of technology.