



## on Prompt Engineering for Educators

19 -30 June 2026

[meity.gov.in/content/schemes-projects](http://meity.gov.in/content/schemes-projects)

IIT Kanpur, IIT Guwahati & MNIT Jaipur

<http://www.mnit.ac.in/eict>

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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.

This course is designed to equip educators, researchers, and academic professionals with the knowledge and practical skills required to effectively leverage Artificial Intelligence (AI) and Generative AI in teaching, research, and curriculum development. Participants will gain a strong understanding of Large Language Models (LLMs), prompt engineering techniques, and AI-powered tools while exploring their applications across Computer Science, Electronics, and related disciplines. The course aims to enhance academic productivity through AI-assisted content creation, assessment design, research support, and curriculum mapping, while fostering awareness of ethical considerations and responsible AI usage.

### Experts/Speakers-

- 1) Dr. Sidharth Sharma, Dept. of CSE, IIT Jodhpur
  - 2) Dr. Menka Yadav, Dept. of ECE, MNIT Jaipur
  - 3) Dr. Dinesh Kumar Tyagi, Dept. of CSE, MNIT Jaipur
  - 4) Dr. Ashish Kumar Tripathi, Dept. of CSE, MNIT Jaipur
  - 5) Dr. Mahipal Jadeja, Dept. of CSE, MNIT Jaipur
- Other experts from CFTI's

### Programme Modules:

<b>Module 1: Foundational AI and Core Prompting Strategies:</b> Evolution of AI and Large Language Models, Generative AI Tools & Their Applications, Anatomy of a Prompt, Writing Effective Prompts — Guided Practice, Zero-Shot, Few-Shot & Chain-of-Thought Prompting, Advanced Prompting: ToT, ReAct & Meta-Prompting
<b>Module 2: Domain-Specific Applications in Engineering:</b> Prompts for Programming, Algorithms & Data Structures, Prompts for Systems, Databases & Networking, Prompts for Circuit Analysis, Signals & Systems, Prompts for VLSI, Embedded Systems & IoT
<b>Module 3: AI for Academic Productivity, Research &amp; Pedagogy</b> Literature Review, Summarization & Paper Writing, Grant Proposals, Conference Abstracts & Industry Projects, Lesson Planning, Learning Objectives & Lecture Content, AI Tools for Slide Decks, Visuals & Course Materials
<b>Module 4: Evaluation, Institutional Alignment &amp; Capstone Implementation:</b> AI-Generated Assessments, Question Banks & Rubrics, Curriculum Mapping, CO-PO Attainment & Syllabus Design, AI Ethics, Bias, Hallucinations & Academic Integrity, Complete AI Tools Ecosystem for Educators, Design an AI-Enhanced Teaching Module (Capstone), Capstone Presentations

### Programme Coordinator:

Dr. Mahipal Jadeja	<a href="mailto:mahipaljadeja.cse@mnit.ac.in">mahipaljadeja.cse@mnit.ac.in</a>	7069136994
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### Registration:

Registration is open to faculty, working professionals, industry persons, doctoral, postgraduate and graduate students from India and rest of the world. Participants will be admitted on first-come first-served basis. Register online at- (<http://online.mnit.ac.in/eict/>)



### Registration Fee:

Mode of programme	Academia (faculty/Students): India/SAARC/Africa	Others: India/SAARC/Africa	Rest of the world
Online	Rs. 500/-	Rs. 1000/-	US \$ 60/-

1. Fee once paid will not be refunded back.
2. The fee covers online participation in the programme, tutorial notes an examination, certification charges etc.
3. The registration amount may be paid through online mode- NEFT/UPI/Cards/SWIFT, provided at the registration portal.
4. Detailed schedule will be shared after receiving registration form.

→ For queries, email us at [fdp.academy@mnit.ac.in](mailto: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.