

**IOT-05B Artificial Intelligence
and Machine Learning for
Multidisciplinary Research,
Innovation, and Industry 5.0
Applications**



Ministry of Electronics and
Information Technology
Government of India



MNIT Jaipur & Spoke Academies

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

21st July – 30th July 2026

meity.gov.in/content/schemes-projects

Experts/Speakers-

Resource person will be from reputed
Institutions and Industries.

EICT Academy MNIT Jaipur

Chairman, EICT Academy &
Director MNIT Jaipur

Prof. Narayana Prasad Padhy

Chief Investigator: **Prof. Vineet Sahula**

Coordinator: **Dr. Satyasai Jagannath Nanda**

Co- Chief Investigators: **Prof. Lava Bhargava,
Prof. Pilli Emmanuel Shubhakar,
Dr. Ravi Kumar Maddila**

Objective (Electronics & ICT Academy-Phase II)

1) To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY in high-priority areas supporting the "Make in India" and the "Digital India" programs.

2) To promote synergy and collaboration with industry, academia, universities and other institutions of learning

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.

An intensive 40-Hour Training Programme in online mode is being organized for faculty, doctoral students of engineering and technological institutions. Working professionals from industry/organizations are also invited to attend. The main theme of the training program will be oriented around exploring the state-of-the-art methods.

Programme Modules:

- AI, Machine Learning, and Industry 5.0 Fundamentals
- Python for AI and Data Science
- Machine Learning Algorithms and Predictive Analytics
- Deep Learning and Generative AI
- Large Language Models (LLMs) and Prompt Engineering
- AI applications in Healthcare, Pharmacy, Life Sciences, Earth Sciences and Engineering
- AI for Smart Manufacturing and Business Analytics
- Explainable AI (XAI), Ethical AI, and Responsible Computing
- Research Proposal Writing, Patents, and Innovation
- Hands-on AI Model Development using Python Tools

Principal/Joint-Principal Coordinators

Prof. (Dr.) Jinesh Kumar Jain, MNIT Jaipur, Joint Principal Coordinator	fdp.academy@mnit.ac.in	MNIT Jaipur
Dr. Vikas Dilliwar,	vikas.dilliwar@rungta.org	RISU Bhilai
Dr. Nidhi Sonkar,		NIT Warangal

Registration:

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

Mode of programme	Registration Fee		Rest of the world
	India/SAARC/Africa Academia (faculty/Students)	Others	
Online	Rs. 750/-	Rs. 1500/-	US \$ 60/- (18% GST extra)

- Fee once paid will not be refunded back; however, can be adjusted for a future programme.
- The fee covers online participation in the programme, tutorial, notes and examination, certification charges etc.
- The registration amount may be paid through online mode- NEFT/UPI/Cards/SWIFT, provided at the registration portal.
- A detailed schedule will be shared after receiving the registration form.
→ For queries, contact 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 42nd nationally in the NIRF ranking-2025 (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.