



AIML-04B Generative AI & LLMs: Foundations to Mastering

Oct 05 - Oct 15, 2026



Experts/Speakers-

Speakers from IITs/NITs/IIITs and
eminent experts from other walks
of life

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
envisioned 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 for AIML-04B Generative AI & LLMs: Foundations to
Mastering.

Programme Modules:

Module 1: Foundations of Generative AI & Transformer Architectures:

Introduction to Generative AI, Transformer Architecture, LLM Core Concepts,
Foundation Models Landscape

Prompt Engineering & Retrieval-Augmented Generation (RAG): Prompt
Engineering Techniques, Embeddings & Vector Databases, RAG Pipeline
Design, System Evaluation & Guardrails

Fine-Tuning, Optimization & LLMops: Parameter-Efficient Fine-Tuning
(PEFT), Alignment Techniques, Open-Source Deployment, LLMops
Frameworks

Module 4: Autonomous AI Agents & Responsible AI: Agentic Frameworks,
Function Calling & API Integration, Responsible & Ethical AI, Capstone Case
Study

Principal/Joint-Principal Coordinators

Dr. Satyendra Singh Chouhan, Jt-
PC MNIT Jaipur

Prof. Aparajita Ojha -PC,
IIITDM Jabalpur

Prof. B V Phani, Jt-PC
IIT Kanpur

Prof. Sanjeev
Manhas, Jt-PC,
IIT Roorkee

Prof. M. P Singh,
Jt-PC, NIT Patna

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.

Registration Fee

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

- 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.
- Detailed schedule will be shared after receiving registration form

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

→ For queries, contact us at fdp.academy@mnit.ac.in

EICT Academy MNIT Jaipur



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.