JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed to be University)
A-10, Sector-62, Noida-201309, Uttar Pradesh
Faculty Development Programme
On

Next-Gen AI: Cutting-Edge Trends in Machine Learning and Generative AI (30th June–05th July 2025)

About the Institute

Established in the year 2001, JIIT, Noida is a "Deemed to be University" under Section 3 of UGC Act 1956. The institute is AICTE approved, NIRF (MHRD) and NAAC accredited for excellence in teaching and research. For more information about the JIIT, please visit the website at www.jiit.ac.in

Programme Objective:

The objective of our Faculty Development Programme (FDP) titled "Autonomous AI for Sustainable Development" is to provide educators and researchers with the essential knowledge, abilities, and resources required to comprehend, create, and implement AI strategies that contribute to the progress of sustainable development objectives (SDGs).

Key Coverage:

- Introduction to Next-Gen AI
- AI-powered automation and AutoML
- Quantum Machine Learning (QML)
- Deep Generative Models (GANs, VAEs, Diffusion Models)
- Agentic AI
- Large Language Models (GPT, BERT, LLaMA)
- Generative AI in healthcare, cybersecurity, and education
- AI for Explainability & Trust
- Implementing ML and Generative AI with Python
- AI for sustainability, healthcare, and robotics

FDP Coordinators:

Dr. Megha Rathi (megha.rathi@mail.jiit.ac.in),
Dr. Ankita Verma (ankita.verma@mail.jiit.ac.in),
Ms. Deepti (deepti@mail.jiit.ac.in)
Department of CSE&IT, JIIT

Speakers

- **Ms Ishmeet Kaur, ML Software Engineer, Apple, California, USA**
- **Ms Akshata Kishore, Lead Data Scientist, Microsoft Redmond, Washington, USA**
- **Dr. Manisha Rathi, Associate Director Cognizant, Denmark**
- **Mr. Tanmoy Deb, Head of Software Department ,Motherson Innovations, India**
- **Ms. Madhvi Sharma, Senior Engineering Manager, Oracle , Great Seattle, USA**
- **Dr. Houda chichi, Senior Researcher, InnovCOM Lab of Sup'COM, Tunisia**
- **Dr. Anoop Kadan, University of Southampton, England, U.K.**
- **Dr. Nonita Sharma, IGDTU, India**
- **Dr. Navjot Singh, IIIT Allahabad, India**
- **Dr. Adwitiya Sinha, Associate Professor,TERI , India**

REGISTRATION DETAILS

Registration Amount: INR 250 (for Industry, Academician, Faculty, Research Scholar)
Registration Deadline: 28-June 2025
How to Pay: The participants can pay via following link:
https://payments.cashfree.com/forms/FDPs

Also, all participants are requested to mandatorily fill the following form:
https://forms.gle/SDh6qbvB1EBMsrwb7