



# JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed to be University)

A-10, Sector-62, Noida-201309, Uttar Pradesh

Faculty Development Programme (Online)

On

## Future Frontiers in AI, Automation, and Sustainable Innovation (01st June–06th June 2026)

### 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](http://www.jiit.ac.in)

### Programme Objective:

The objective of our Faculty Development Programme (FDP) titled “Future Frontiers in AI, Automation, and Sustainable Innovation” is to empower faculty members, researchers, and industry professionals with advanced knowledge of next-generation AI technologies, intelligent automation, and sustainable solutions. The program emphasizes emerging trends, ethical considerations, and real-world applications to foster innovation and impactful research.

### Key Coverage:

- AI-powered automation and AutoML
- Quantum Machine Learning (QML)
- Deep Generative Models (GANs, VAEs, Diffusion Models)
- Agentic AI
- LLMs, Vision-Language Models, Multimodal AI
- Generative AI advancements (diffusion models, text-to-image/video, AI agents)
- Explainable, Ethical & Trustworthy AI
- AI for Sustainable Innovation
- Digital twins, metaverse, and edge AI
- Smart cities, energy optimization, and green computing
- Causal Machine Learning and interpretable modeling for decision intelligence

### Program chairs

**Prof. Shikha Mehta HOD, Department of CSE & IT, JIIT**

**Prof. Manish K Thakur, Associate HOD, Department of CSE&IT, JIIT**

### FDP Coordinators:

**Dr. Megha Rathi ([megha.rathi@mail.jiit.ac.in](mailto:megha.rathi@mail.jiit.ac.in)),**

**Dr. Ankita Verma ([ankita.verma@mail.jiit.ac.in](mailto:ankita.verma@mail.jiit.ac.in)),**

**Department of CSE&IT, JIIT**

### Speakers

- **Prof. Dipanwita Thakur, Professor, University of Calabria, Italy.**
- **Mr. Radha Krishna Kavuluru (Ex ISRO Scientist), CEO Astrovoltaics, Hyderabad, India.**
- **Mr. Tanmoy Deb, Head of Software Department ,Motherson Innovations, India.**
- **Prof. Shailendra Mishra, Professor, Majmaah University, Saudi Arabia.**
- **Prof. Mansaf Alam, Professor, Jamia Millia Islamia, New Delhi, India.**
- **Dr. Sudhakar, Scientist -D, CERT-In, Ministry of Electronics and Information Technology (MeitY), India**
- **Dr. Vibhor Kant, Assistant Professor, IIT BHU, Varansi, India.**
- **Dr. Jyoti Singh Kirar, Jawaharlal Nehru University, New Delhi.**
- **Dr. Dharendra Kumar, Delhi Technological University, New Delhi.**
- **Dr. Shivi Garg, Assistant Professor, J.C. Bose University of Science & Technology, YMCA Faridabad, India.**
- **Ms. Sakshi Gujral, Consultant Data Scientist, Concentrix, Noida, India.**
- **Dr. Bhawna Saxena, Associate Professor, JIIT, Noida, India**

### REGISTRATION DETAILS

**Registration Amount:** INR 350 (for Industry, Academician, Faculty, Research Scholar)

**Registration Deadline:** 30-May-2026

**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/MkdVGtUbKHDNArwBA>