



Faculty Development Programme
Generative AI for Computer Vision

March 9 – March 19, 2026

(2:30 PM - 4:30 PM and 6 PM - 8 PM) live streaming

Jointly organized by Electronics and ICT Academies
Established by the Ministry of Electronics and Information Technology, Govt. of India

MNIT Jaipur



IIITDM Jabalpur



IIT Kanpur



Objectives (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/year.

Programme Coordinators

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An intensive 10-day, 40 Hour online training programme is being organized for faculty and doctoral students of engineering and science. It is also open to working professionals from industry/R&D organizations. The programme will run from **March 9-19, 2026 (2:30 PM - 4:30 PM and 6 PM - 8 PM) with live streaming.**

Resource Persons:

Prof. R Venkatesh Babu, IISC Bangalore
Prof. Kiran Raja, NTNU, Norway
Prof. K Sathya Babu, IIITDM Kurnool
Prof. Aparajita Ojha, IIITDM Jabalpur
Prof. Pritee Khanna, IIITDM Jabalpur
Dr. Koteswar Rao J, IIT Kanpur
Dr. Tushar Sandhan, IIT Kanpur
Dr. Rakesh Kumar Sanodiya, IIT Ropar
Dr. Poornima Singh Thakur, ABV IIITM Gwalior
Dr. Samir Jain, alfaTKG Integrated Sol. Pvt Ltd.
Dr. Amit Bhati, AI Architect, Encora Digital LLC
Dr. Mohan Karnati, NIT Raipur

Programme Modules:

Foundations of Generative Modeling, Early Generative Models
Autoencoders and Generative Adversarial Networks (GANs)
Diffusion Models, Score-based Generative Modeling, Denoising Diffusion Probabilistic Models (DDPM), Stable Diffusion
Transformer based and Multimodal Generative Models, Emerging Research Directions in GenAI for Computer Vision
Evaluation of Generative Models, Responsible use of Generative AI, Ethical Concerns, Deepfakes and Misuse
Hands-on Sessions on Autoencoders, GANs, and Recent Methods of Generative Modelling in application areas like Biomedical, Biometrics, Precision Agriculture, Deepfake etc.

Registration Link: <https://forms.gle/SwLZZGuA7CQaFRG7>

Beneficiary Name - PDPM IIITDM Jabalpur

Bank Name - INDIAN BANK

A/C No. - 50018692852

IFSC Code - IDIB00M694

Last Date of Registration- Friday, March 6, 2026

Certification Fee: Academic (Faculty / Students): ₹ 500/-

Industry Professionals / Others: ₹ 1500/-

Participants from the Rest of the World USD: US\$ 60

The fee covers online participation, course material and certification charges.



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