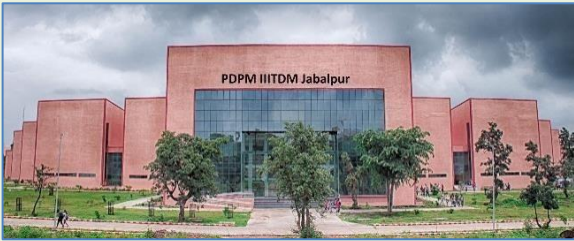


About Electronics & ICT Academy at PDDM IIITDM Jabalpur



The Ministry of Electronics and Information Technology (MeitY), Government of India has instituted Electronics and ICT Academies in the year 2015. In the second phase, the academy at PDDM IIITDM Jabalpur aims at scalable training programmes in niche areas of Electronics and ICT for the development of the required knowledge base, skills and tools to unleash the talent of the Indian population. The Academy is identified by the MeitY as a hub of activities for capacity building through training, internships, research, and consultancy programmes in fundamental and advanced topics in electronics, information and communication technologies, the Academy conducts customized academic programmes for students, corporate sectors and researchers.

About ABV-IIITM Gwalior



Atal Bihari Vajpayee Indian Institute of Information Technology & Management Gwalior, established in 1997 by the Ministry of Human Resource Development, Government of India, is India's premier institute offering quality education in Information

Technology and Management. Located in Gwalior, Madhya Pradesh, it fosters a culture of inquiry and research in a competitive academic environment with strong industry connections. Certified NAAC 'A' and declared an Institute of National Importance, ABV-IIITM focuses on excellence in education and collaboration with the corporate world.

Online Faculty Development Programme

On

Next Generation Multimedia Processing: Fundamentals to Research

This Faculty Development Program (FDP) focuses on emerging advancements in multimedia technologies, covering key areas such as Multimodal Artificial Intelligence, Generative Content Synthesis, and Intelligent Media Compression. It aims to equip participants with knowledge of 3D Signal Processing, Spatial Audio Engineering, and Edge-Based Media Processing for real-time applications. The program also emphasizes Multimedia Security and Forensics to address data integrity and privacy challenges, along with Multimedia Quality Assessment techniques for performance evaluation. Through expert sessions and practical insights, the FDP enables academicians and researchers to explore innovative solutions and enhance teaching and research capabilities.

Who can attend: Faculty and PhD Scholars

Important Dates

Last Date of Registration: 20 June 2026

Online FDP Dates: 22-26 June 2026

Contact us:

Mr. Durgesh Kushwaha 7898670354

Email: academy@iiitdmj.ac.in, eict@iiitdmj.ac.in

Online Faculty Development Programme

On

Next Generation Multimedia Processing: Fundamentals to Research

Jointly Organized by

**Electronics and ICT Academy
IIITDM Jabalpur**



and

ABV-IIITM Gwalior



विश्वजीवनामृतं ज्ञानम्

*An Initiative of the Ministry of
Electronics and Information Technology,
Government of India*



Faculty Development Programme

On

Next Generation Multimedia Processing: Fundamentals to Research

22-26 June 2026

Resource Persons

Faculty Members from IITs, IIITs, NITs, and Industry experts shall deliver lectures and hands-on.

Coordinators

- Dr. I. A. Ansari, EEE, ABV-IIITM Gwalior (9109106995, iaansari@iiitm.ac.in)
- Dr. Durgesh Singh (Academy Co-Ordinator), CSE, PDPM IIITDM Jabalpur (9473929004, durgesh@iiitdmj.ac.in)

Course Contents

The OFDP is designed to provide a comprehensive understanding of emerging multimedia technologies, recent innovations, and their real-world applications in intelligent digital and communication systems. The program aims to equip participants with theoretical knowledge and practical exposure to advanced topics such as Multimodal Artificial Intelligence, Generative Content Synthesis, Intelligent Media Compression, and 3D Signal Processing techniques. It also covers Spatial Audio Engineering, Edge-Based Media Processing, Multimedia Security and Forensics, and Multimedia Quality Assessment for modern multimedia applications. Through expert lectures, interactive discussions, hands-on laboratory sessions, and research-oriented activities, the FDP enables academicians, researchers, and professionals to explore innovative solutions and strengthen their teaching, research, and technology development capabilities in next-generation multimedia systems and intelligent media applications.

Theory

- Multimodal Artificial Intelligence
- Generative Content Synthesis
- Intelligent Media Compression
- 3D Signal Processing
- Multimedia Security and Forensics
- Spatial Audio Engineering
- Edge-Based Media Processing
- Multimedia Quality Assessment

Lab

Lab sessions include hands-on work with multimodal AI, generative tools, media compression, 3D processing, spatial audio, and quality evaluation.

Theory and Lab: 40 Hours

Programme Details

- Rigorous training for theoretical and practical knowledge
- Opportunities to connect with experts in the field.
- Instructor-led rigorous hands-on sessions
- Mode of the course: **Online**
- Timing: 22-26 June 2026
 - Morning Sessions: 09:00 A.M. to 01:00 PM (4 hours)
 - Evening Sessions: 02:00 PM - 06:00 PM (4 hours)
- E-Certificate will be provided to all the participants in accordance with EICT PDPM IIITDM Jabalpur norms.

Registration Details

- **Who can attend:** Faculty and Research Scholars (PhD)
- **Registration link:** Please fill out registration using the following link: <https://forms.gle/vfFfLd3MFmTzWVvy8>
- **Registration fee:** INR 500/-
- **Last Date for Registration:** 20 June 2026
- Registration fee is non-refundable

Online Payment Details

- **Registration fee:**

Beneficiary Name	PDPMIITDM Jabalpur
Bank Name	INDIAN BANK
A/C No.	50018692852
IFSC Code	IDIB000M694
Beneficiary Name	PDPMIITDM Jabalpur

- **UPI ID:** iiitdmj@indianbk
- **QR Code :**

