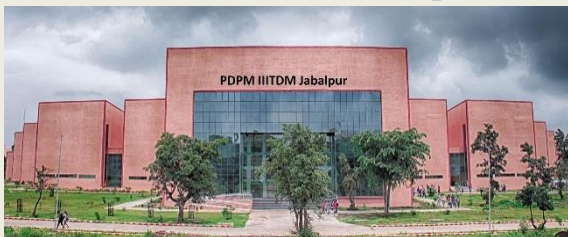## About Electronics & ICT Academy at PDPM IIITDM Jabalpur

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 PDPM 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
Digital Healthcare: Innovations and Applications

The objective of the program is to equip participants with the skills and knowledge to develop and implement cutting-edge healthcare solutions. By integrating IoT technologies for real-time data collection with advanced biomedical signal processing and machine learning techniques, participants will learn to analyze and interpret complex health data. The program aims to foster innovation in predictive health monitoring, early disease detection, and personalized medical interventions, ultimately enhancing patient care and outcomes through the effective use of technology.

Who can attend: Suitable for faculty from colleges, universities, and technical and professional institutes can attend. Students, fresh graduates, researchers, and industry personnel working in allied disciplines can also attend

Important Dates

FDP Dates: 05-09 November, 2025
Last Date of registration: November 4, 2025
Timings: 09 AM to 01 PM & 02 PM to 06 PM

Contact Us

academy@iiitdmj.ac.in, eict@iiitdm.ac.in
Phone No: 8770958231
(Mr Ashvarya Agrawal)

Online Faculty Development Programme
On
Digital Healthcare: Innovations and Applications
(05-09 November, 2025)

Jointly Organized by

ABV-IIITM Gwalior

and
Electronics and ICT Academy
IIITDM Jabalpur

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

Online Faculty Development Programme

On

Digital Healthcare: Innovations and Applications

05-09 November, 2025

Resource Persons

- Prof. Ram Bilas Pachori, IIT Indore
- Prof. Aparajita Ojha, PDPM IIITDM, Jabalpur
- Prof. Millie Pant, IIT Roorkee
- Prof. Manoj Singh Parihar, ABV-IIITM Gwalior
- Dr. Varun Bajaj, MANIT Bhopal
- Dr. I. A. Ansari, ABV-IIITM Gwalior
- Dr. Mohammad Farukh Hashmi, NIT Warangal
- Othe Eminent Personnels from IITs, IIITs, NITs, and Industry experts shall deliver lectures and hands-on.

Coordinators

Dr. Durgesh Singh
CSE, PDPM IIITDM Jabalpur
(9473929004, durgesh@iiitdmj.ac.in)

Dr. I. A. Ansari
EEE, ABV-IIITM Gwalior
(9109106995, iaansari@iiitm.ac.in)

Course Contents

The objective of the course **"Digital Healthcare: Innovation. and Applications"** is to equip participants with comprehensive understanding of emerging digital technologies in healthcare. It aims to explore innovative tools such as telemedicine, Al in diagnostics, wearable health devices, and electronic health records. The course will enhance participants' knowledge of how digital transformation is revolutionizing patient care, improving healthcare delivery, and enabling data-driven decision making for better clinical outcomes and operational efficiency.

The OFDP is designed to provide a comprehensive understanding of digital healthcare technologies, innovations, and their real-world applications in medical practice. Following are brief overviews of the content:

Theory
• Digital Transformation in Healthcare Systems
• Telemedicine and Remote Patient Monitoring
• Al and Machine Learning in Clinical Decision Support
• Mobile Health (mHealth) and Health Apps
• Wearable Devices and Smart Health Technologies
• Cybersecurity and Ethical Challenges in Digital Health

Lab
Lab sessions will include hands-on experience with health data analytics, wearable devices, and Al tools in healthcare.

Theory and Lab: 40 Hours

Programme Features

- Rigorous training for theoretical and practical knowledge
- Opportunities to connect with experts in the field.
- Instructor-led rigorous hands-on sessions
- **Timing:** 05-09 Nobember, 2025
  Morning Sessions: 09 AM to 01 PM (4 hours)
  Evening Sessions: 02 PM to 06 PM (4 hours)
- E-Certificate will be provided to all the eligible participants.

Registration Details

- **Registration link**: Please fill out registration using the following link: https://forms.gle/vR7sfafvmhV7JFvH9
- **Registration fee**: INR 500
- **Last Date for Registration**: Nov. 4, 2025

Online Payment Details

- **Internet banking**

Beneficiary Name	PDPM IIITDM Jabalpur
Bank Name	INDIAN BANK
A/C No.	50018692852
IFSC Code	IDIB000M694
UPI ID	iiitdmj@indianbk

- **QR Code**

PDPM IIITDM JABALPUR
SCAN & PAY
UPI ID : iiitdmj@indianbk