About Electronics & ICT Academy at PDPM IIITDM Jabalpur

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.

About ABV-IIITM Gwalior

ABV-IIITM 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 Machine Learning for Social Good

2-9 April, 2025

The objective of this program is to equip participants with the skills and knowledge to develop and implement Machine Learning solutions for different real-world applications, specifically on online social networks, healthcare, security, news media, disaster management systems, etc. By integrating domain-specific relevant and novel theoretical concepts along with hands-on exercises, the participants will learn to analyze and interpret complex and large-scale data along with an understanding of privacy and security. The program aims to provide knowledge that can aid in building novel and effective machine learning-based tools for addressing different challenges we face as a society and ensuring trustworthy, positive social impact.

Who can attend: Faculty, PhD Research Scholars, and Industry personnel

Important Dates

Last Date of Online Registration: March 30, 2025

https://forms.gle/N3P1LJ3YqjBThBCH7)

Online FDP Dates: 02-09 April, 2025

Online Faculty Development Programme On Machine Learning for Social Good

Jointly Organized by
ABV-IIITM Gwalior

विश्वजीवनामृतं ज्ञानम्

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
Machine Learning for Social Good

2-9 April, 2025

Resource Persons

Faculty Members across the globe will provide lectures and hands-on sessions.

- Prof. Sankar Kumar Pal, former Director, ISI Kolkata
- Prof. Richi Nayak, QUT, Australia
- Prof. Mahua Bhattacharya, ABV-IIITM
- Dr. Sourav Kumar Dandapat, IIT Patna
- Dr. Tanmoy Chakraborty, IIT Delhi
- Dr. Kallol Roy, University of Tartu, Estonia
- Dr. Manel Slokom, Centrum Wiskunde & Informatica, Netherlands
- Dr. Bodhisatwa Mazumdar, IIT Indore
- Dr. Naveen Saini, IIIT Allahabad
- Dr. Rimjhim, University of Bocconi, Italy

Co-ordinators

- Dr. Roshni Chakraborty, IT, ABV-IIITM Gwalior (+91-8910880986, roshni@iiitm.ac.in)
- Dr. Vijaypal Singh Rathor, IT, ABV-IIITM Gwalior (+91-8871953942, vsrathor@iiitm.ac.in)
- Dr. Sunil Kumar, IT, ABV- IIITM Gwalior (+91-8472842090, snk@iiitm.ac.in)
- Dr. Ranjeet Kumar Ranjan, CSE, PDPM IIITDM Jabalpur (+91-9013733204, ranjeet.kr@iiitdmj.ac.in)

Programme Features

- Understanding the relevance of ML for Society through different real-life applications
- Highly Interactive Sessions with theoretical and practical applications
- Instructor-led, interesting, hands-on sessions
    - Ability to connect to eminent researchers across the globe
    - Certificate on successful completion

Course Contents

- Online Social Networks: Basics
- Recent Deep Learning based Frameworks
- Explainable AI
- Trustworthy and Fair ML for applications, such as:
    - Journalism
    - Healthcare
    - Disaster Management
    - Agriculture
    - Gender Bias and Spatial Social Networks
- Privacy and Security Understanding and Mitigation in AI-enabled and IoT Systems

Hands-On Sessions

We have designed Practice Sessions that aid the participants in understanding different applications in real-world datasets and development of research techniques for each of the previous topics

Registration Details

- **Who can attend:** Faculty and Research Scholars
- **Registration link** – Please fill out registration using the following link:
  https://forms.gle/N3P1LJ3YqjBThBCH7
- **Registration fee:** Rs. 500/- (INR)
- **Last Date for Registration:** March 30, 2025

Seats are Limited to 50* only (*On a first come-first serve basis**)**

Online Payment Details

- **Internet banking**

Beneficiary Name	MS. ABV-IIITM FDP ACCOUNT, ABV-IIITM
Bank Name	BANK OF INDIA IIITM CAMPUS
A/C No.	945210110009380
IFSC Code	BKID0009462

- **UPI ID and QR Code:** boi-945263969380@boi