

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 Mizoram University

Mizoram University established by an Act of Parliament in 2000 and operational since July 2, 2001, is located near Aizawl, Mizoram, spread over 978 acres. Formerly a NEHU campus, it now comprises 39 academic departments under 10 Schools, offering UG, PG, and Ph.D. programs, with 40 affiliated and one constituent college. Accredited with 'A' Grade by NAAC (2014, 2019) and ISO certified (2018), the University has consistently ranked among India's top 100 universities (NIRF) and secured 1st rank in the North-East (THE Impact Rankings 2022, IIRF 2023). The fully accessible campus supports inclusivity and hosts vibrant student engagement through sports, NSS, SPIC MACAY, and community service. Located an hour from Aizawl, the campus is well-connected by air and road. Mizoram offers a pleasant climate and rich biodiversity, enhancing the University's serene environment.

Faculty Development Programme On Research and Development in Science and Technology

This course equips researchers with essential skills in project funding, ethics, and innovation, while exploring emerging technologies and sustainable development. It integrates AI-powered tools for research design, writing, and automation. Hands-on sessions enhance practical understanding, preparing participants for advanced, ethical, and impactful scientific research in a rapidly evolving landscape.

Who can attend: The Programme is open to faculty from all colleges, universities, and technical and professional institutes, Ph.D, Post Doctoral, and industry personnel working in allied disciplines can also attend.

Important Dates

Last Date of Online Registration: **July 31, 2025**
FDP Dates: **August 04-16, 2025**

Coordinators

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(Mr Ashvarya Agrawal)

Faculty Development Programme On Research and Development in Science and Technology

Jointly Organized by



Mizoram University



and

Electronics and ICT Academy
IIITDM Jabalpur



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



Faculty Development Programme
On
Research and Development in Science and
Technology
August 04-16, 2025 (Virtual mode)

Resource Persons

- Prof. G Mugesh, IISC, Bangalore
- Prof. A. K Singh, Ex-IIT Mumbai
- Prof. Rajiv Gupta, University of Delhi
- Prof. Dipak Sinha, Pro-Vice Chancellor, Nagaland University
- Prof. Visal Rai, IISER, Bhopal
- Prof. Diwakar Tiwari, Mizoram University
- Prof. L.Lolit Kumar Singh, NIT Manipur
- Prof. Umesh Chand Singh Yadav, JNU
- Prof. Ujjal Marjit, Kalyani University
- Dr. Nihar Ranjan Jena, IIITDM Jabalpur
- Prof. Ved Prakash Singh, Mizoram University

Coordinators

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Course Contents

- Funding and Project Management
- Emerging Areas in Science and Technology
- Research Ethics and Publication
- Advanced Research Techniques
- Foundations of Research and Innovation
- Research Methodology: Problem Identification & Hypothesis
- Writing Effective Research Proposals
- Intellectual Property Rights (IPR), Patents, and Technology Transfer
- Sustainable Development Goals and Scientific Research
- Avoiding Plagiarism and Predatory Publishing
- Journal Selection and Publication Strategy
- Advances in Nanotechnology, Biotechnology, and Renewable Energy
- Chemical Safety & Security
- Recent developments in novel technologies

Hands-On Sessions

- Smart Discovery: Using AI for Literature Search and Review.
- AI-Powered writing and Citation Tools: From draft to References.
- AI in Research Design, data analysis & Visualization.
- AI Agents and Research Automation: The Future of Scholarly Workflows
- Introduction to AI in Academic Research: Opportunities, Tools, and Trends.

Programme Features

- Fundamentals of advances in research in Science and Technology.
- Opportunities to connect with experts in the field.
- Instructor-led rigorous hands-on sessions
- Certificate on successful completion with full access to the course material.

Registration Details

- Registration link – Please fill out registration using the following link:
<https://forms.gle/swtRXvcqJsHyDpWp7>
- Registration fee: INR 500/ for online participation
- Last Date for Registration: July 31, 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:**

