

## 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 IIT (BHU)

The Indian Institute of Technology (Banaras Hindu University) owes its existence to Mahamana Pandit Madan Mohan Malviya, Bharat Ratna-the founder of the first residential university of modern India, the Banaras Hindu University. The three of the erstwhile engineering colleges of BHU, namely BENCO, MINMET and TECHNO, were merged to form the Institute of Technology (IT-BHU) in 1968 to provide an integrated educational base. The ITBHU has been admitting students through the JEE conducted by the IIT's since 1972 and has been consistently ranked amongst the top few engineering institutions of the country. IT-BHU became IIT (BHU) on June 29, 2012, by an Act of Parliament. The Institute has maintained high academic standards since its inception. It has turned out luminary engineers and administrators who served the nation with great distinction.

## Faculty Development Programme On Experimental and Simulation Based Approaches in Additive Manufacturing

This course equips participants with foundational knowledge and practical insights into experimental and simulation-based methods in additive manufacturing, enabling improved design, analysis, and optimization of AM processes. Participants will gain hands-on experience and learn to apply simulation tools for enhanced accuracy, efficiency, and innovation in manufacturing solutions.

**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:

Last Date of Online Registration: **July 20, 2025**

FDP Dates: **July 21-30, 2025**

### Coordinators

**Dr. K Ponappa**

Assistant Professor, MED  
PDPM IIITDM Jabalpur  
[kponappa@iiitdmj.ac.in](mailto:kponappa@iiitdmj.ac.in)

**Dr. Pawan Sharma**

Assistant Professor, MED  
IIT (BHU), Varanasi  
[pawan.mec@iitbhu.ac.in](mailto:pawan.mec@iitbhu.ac.in)

### Contact us

Email: [academy@iiitdmj.ac.in](mailto:academy@iiitdmj.ac.in), [eict@iiitdm.ac.in](mailto:eict@iiitdm.ac.in)

Phone No: 8770958231

(Mr Ashvarya Agrawal)

## Faculty Development Programme On Experimental and Simulation Based Approaches in Additive Manufacturing

Jointly Organized by



IIT (BHU), Varanasi



and

Electronics and ICT Academy  
IIITDM Jabalpur



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



**Faculty Development Programme**  
**On**  
**Experimental and Simulation Based**  
**Approaches in Additive**  
**Manufacturing**

**July 21-30, 2025 (Online mode)**

**Resource Persons**

- Prof. P. M. Pandey, IIT Delhi
- Prof. Santosh Kumar, IIT BHU Varanasi
- Dr. G. M. Karthik, IIT BHU Varanasi
- Dr. Mithun Palit, DMRL Hyderabad
- Prof. P. K. Jain, IIITDM Jabalpur
- Dr. Varun Sharma, IIT Roorkee
- Dr. Girish Verma, IIT Indore
- Dr. Gurminder Singh, IIT Bombay

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**Dr. Pawan Sharma**

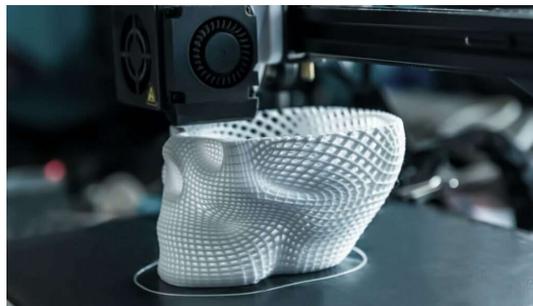
Assistant Professor, MED  
IIT (BHU), Varanasi  
[pawan.mec@iitbhu.ac.in](mailto:pawan.mec@iitbhu.ac.in)

**Course Contents**

- Introduction to Additive Manufacturing (AM)
- Design for AM
- Materials for AM
- 3D part fabrication using Metal AM process
- 3D part fabrication using Polymer AM process
- Ceramic 3D printing
- Reverse Engineering
- Computational studies related to 3D printing
- Hands-on training on AM simulation software (AM PravaH)
- Training session on Simufact Additive

**Hands-On Sessions**

- Hands-on training using AM PravaH software for additive manufacturing simulations.
- Introduction to the interface, features, and workflow of AM PravaH.



**Programme Features**

- Rigorous training for theoretical and practical knowledge on Additive Manufacturing (AM)
- 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 form using the following link: <https://forms.gle/xynnz7z5nQF1teDj7>
- Registration fee: INR 500/ for online participation
- Last Date for Registration: **July 20, 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](mailto:iiitdmj@indianbk)

- **QR Code:**

