

Anusandhan National Research
Foundation (ANRF) sponsored

(Under SSR of Project no:
SPG/2021/003383)

One Day Workshop on
**Sample Preparation &
Characterization
Techniques of Additively
Manufactured Specimen**

Date: 15th November 2025

Organized by



**Hybrid Additive Manufacturing
Lab, Mechanical Engineering
Division,**

**PDPM Institute of Information
Technology Design &
Manufacturing (IIITDM), Jabalpur**

About the Institute

PDPM IIITDM Jabalpur is an Institute of National Importance, established by Government of India in 2005 with a focus on education and research in IT enabled Design and Manufacturing. Since its inception, PDPM IIITDM Jabalpur has been playing a vital role in producing quality human resources for contribution in India's mission of inclusive and sustainable growth. The Institute is located at a distance of 10 kms from the Jabalpur railway station and 5.5 kms from Dumna Airport, Jabalpur. <http://www.iiitdmj.ac.in>

Scope of the workshop

- ◆ Basics of metallographic sample preparation
- ◆ Proper grinding, polishing techniques and Discussion on materials required: cutting tools, mounting compounds, polishing media, etc.
- ◆ Handling and operation of polishing machine
- ◆ Surface finishing for microstructural examination
- ◆ Introduction to optical microscopy
- ◆ Identifying basic microstructural features under microscope
- ◆ Recording and interpreting micrographs

Who can attend?

This workshop is open to undergraduate and postgraduate students in related fields.

Registration Details

◆ How to Register:

<https://forms.gle/vVHgwpZiEe6ZgJUC8>

◆ OR Scan the QR code



**No
Registration
Fee**

Important Dates

Registration open: Nov 06, 2025; Registration Ends:
Nov 12, 2025

A maximum of 25 students are allowed, and they will be shortlisted on a first-come, first-served basis. The list of shortlisted applicants will be displayed on November 12, 2025.

Organizing Committee

Patron:

Prof Bhartendu K Singh (Director, PDPM IIITDMJ)

Coordinator

Dr. Manu Srivastava (PI, IIITDMJ)

Co-Coordinators

Dr. Sandeep Rathee (Co-PI, NIT Srinagar)

Prof. Pulak M Pandey (Co-PI, IIT Delhi)

Research Coordinators

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