

DAYANANDA SAGAR UNIVERSITY

Dayananda Sagar University (DSU) is a premier private university located in Bengaluru, India, dedicated to fostering excellence in education, research, and innovation. Established under the Dayananda Sagar Institutions (DSI) legacy, DSU continues to uphold a tradition of academic excellence and industry-oriented learning.

DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering, School of Engineering, DSU, is committed to building industry-ready competencies in design, manufacturing, and digital product development. The department actively integrates Additive Manufacturing, design for AM (DfAM), and advanced materials and process technologies into teaching and research, preparing faculty and students for the evolving landscape of AI-driven, industry-grade manufacturing.

Wipro 3D

Wipro 3D (est. 2012) is a leading metal Additive Manufacturing solutions provider for Aerospace, Space, Defense, Industrial, Healthcare, Automotive, and nuclear sectors - offering AM consulting, engineering, R&D, and captive AM center deployment through its proprietary 'Select to Prove' lifecycle.

CHIEF PATRONS

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CONVENOR & COORDINATORS

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DAYANANDA SAGAR UNIVERSITY

School of Engineering

Department of Mechanical Engineering



Three-Day Workshop

ON

ADDITIVE MANUFACTURING



13 – 15, JULY 2026

ORGANISED BY

**Department of Mechanical Engineering,
School of Engineering,
Dayananda Sagar University,
Harohalli, Bengaluru South Dt. -562 112**

In Association With

Wipro 3D, Bengaluru-560058

ABOUT THE Workshop

Three-Day Workshop is designed to build a comprehensive understanding of Additive Manufacturing (AM), commonly known as 3D printing, among engineering educators. The program combines theoretical concepts, design principles, materials knowledge, process understanding, and hands-on experience with modern AM technologies.

PROGRAM HIGHLIGHTS

- Understand the fundamentals and evolution of Additive Manufacturing.
- Identify major AM technologies and their applications.
- Design components suitable for additive manufacturing.
- Select appropriate materials and processes for specific applications.
- Operate 3D printing systems and perform post-processing.
- Explore industrial applications, challenges, and future trends in AM.

 AM Technologies (FDM, SLA, SLS, SLM, DED)	 Design for AM — Topology & Lattices
 Materials for AM — Polymers, Metals, Ceramics	 Process Parameters & Quality Control
 Post-Processing & Surface Inspection	 Industrial Applications & Emerging Trends

WHO SHOULD ATTEND

- Teaching faculty members of Mechanical and allied Engineering departments.
- Non-teaching / technical staff supporting CAD and design labs.
- Research scholars working in manufacturing.

WHAT PARTICIPANTS WILL GAIN

- Gain practical exposure to 3D printing technologies.
- Develop skills in CAD modeling and print preparation.
- Understand material selection and process optimization.
- Learn industrial applications and research opportunities in additive manufacturing.

WORKSHOP CONTENT

- **Foundations:** AM principles, evolution, applications & process chain.
- **Tech & Design:** 3D printing technologies, materials, and DfAM/CAD tools.
- **Hands-on:** Slicing, printing sessions, and post-processing during Visit of *Wipro 3D lab, Bengaluru*

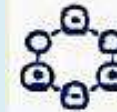
TARGET PARTICIPANTS

Teaching Faculty, Non-Teaching / Technical Staff, and Research Scholars of the Department of Mechanical Engineering & other Departments.

CERTIFICATION & COLLABORATION



Certificate of Participation will be provided



Industry-Academia Collaboration for Future-ready Engineering Education

REGISTRATION

Scan to register



Registration Link

<https://forms.gle/Wddm1XBJU9rDT1RT6>

Seats are limited — register early

In Note: Assessment & Attendance is mandatory