



**MALAVIYA MISSION TEACHER TRAINING CENTRE
INDIAN INSTITUTE OF TECHNOLOGY MANDI**



**Starting Date: 21st September 2026
Ending Date: 26th September 2026
Last Application Date: 15th September 2026**

FACULTY DEVELOPMENT PROGRAM ON

“Next-Generation Surface Engineering for Sustainable and High-Performance Engineering Applications”

MODE	DURATION	ORGANIZER
ONLINE	6 Days	IIT MANDI

About the Course –

This is a comprehensive six-day training programme designed to provide participants with in-depth knowledge of modern surface engineering technologies and their role in enhancing the performance, durability, and sustainability of engineering components. The programme covers fundamental principles of surface science, advanced surface modification techniques, functional and smart surfaces, state-of-the-art characterization methods, and emerging computational approaches such as artificial intelligence and digital twins. It also highlights sustainable manufacturing practices and industrial applications in aerospace, automotive, biomedical, energy, electronics, and advanced manufacturing sectors. Through expert lectures, industrial case studies, and interactive discussions, participants will gain insights into recent research advances, current challenges, and future opportunities in surface engineering, enabling them to strengthen their teaching, research, and collaborative activities in this rapidly evolving field.

Participants Eligibility Criteria –

Faculty members working in universities and colleges that are included under Section 2(f) of the UGC Act. The teachers of colleges that do not yet come within the purview of Section 2(f), but have been affiliated to a university for at least three years, will be permitted to participate in the courses. These conditions are applicable only for Residential Training Programmes/Courses

Salient Features of the Course –

1. The FDP will be of **6 working days and 36 contact hours (six hours a day, six days a week)**.
2. The course will comprise **24 expert lectures**, along with discussions, illustrative sessions and academic interactions.
3. Participant evaluation will be conducted through MCQ-based assessments and presentations.
4. A Certificate will be issued to those who have attended all the sessions and have qualified the Assessment examination.

Important Dates –

Starting Date	Ending Date	Application Deadline Date
21 st September 2026	26 th September 2026	15 th September 2026

NOTE –

1. No Registration Fees.
2. Fill the NOC in the prescribed format.
3. Attendance is mandatory in all the sessions.

Resource Persons-

Distinguished faculty from premier academic and research institutions along with experienced industrial experts.

Course Coordinator-

Dr. Deepak Deelip Patil

Assistant Professor, School of Mechanical and Materials Engineering, IIT Mandi.
Contact Mail  – deepakpatil@iitmandi.ac.in

Programme Director-

Prof. Atul Dhar

MMTTC, Indian Institute of Technology Mandi (H.P)

MMTTC Contact Details-

Contact Mail  – pammttp@iitmandi.ac.in

Registration Links –

MMTTP Website: [Link](#)

Step by Step Process: [Link](#)

NOC Format: [Link](#)