



**MALAVIYA MISSION TEACHER TRAINING CENTER**  
**Indian Institute of Technology Mandi**

Starting Date - 03<sup>rd</sup> August 2026  
Ending Date - 17<sup>th</sup> August 2026  
Application Deadline Date - 27<sup>th</sup> July 2026

**REFRESHER COURSE**

**“Advanced Algorithms and Computer Networking”**

<b>MODE</b>	<b>DURATION</b>	<b>ORGANIZER</b>
<b>ONLINE</b>	<b>12 Days</b>	<b>IIT MANDI</b>

## About The Course –

The purpose of this course is to provide an understanding of advanced algorithmic techniques and computer networking concepts that drive efficient and scalable computing systems. As organizations increasingly rely on data-intensive applications, cloud computing, distributed systems, and high-speed communication networks, professionals must develop strong analytical, problem-solving, and system design capabilities to address complex computational and networking challenges. The course is designed to provide participants with insights into advanced algorithms, network architectures, routing protocols, queueing theory, and performance analysis techniques for effectively designing, analyzing, and managing modern computing and networking environments.

## Participants Eligibility Criteria –

1. 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
2. For the Refresher course, participation in the **FIP is a prerequisite for admission**. The teacher may opt for a refresher course after a one-year gap following FIP. For residential RCs, there should be a minimum gap of one year between two refresher courses, though it maybe relaxed if an adequate number of participants are not available, or it is essential for the teacher to fulfill eligibility conditions for career advancement as prescribed by UGC from time-to-time.

## Salient Features of the Course –

1. The Refresher course will be of **12 working days and 72 contact hours (six hours a day, six days a week)**.
2. The course will comprise **48 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 –

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### NOTE –

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

## Course Coordinator-

### Dr. Gaurav Sood

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## Programme Director-

### Prof. Atul Dhar

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

## MMTTC Contact Details-

Contact Mail  – [pammttp@iitmandi.ac.in](mailto:pammttp@iitmandi.ac.in)

## Registration Links –

MMTTP Website: [Link](#)

Step by Step Process: [Link](#)

Noc Format: [Link](#)