



ENGINEERING STAFF COLLEGE OF INDIA



Autonomous Organ of The Institution of Engineers (India)
(IMS [ISO 9001:2015, ISO 14001:2015, ISO 50001:2018, ISO 45001:2018],
ISO/IEC 17025:2017 Certified, AICTE & CEA Recognized Institution)
Old Bombay Road, Gachibowli, Hyderabad – 500 032. Telangana, India

Management and Technology Division

Hybrid (Offline & Online) Classroom Continuous Professional Development Programme on **Advanced Project Management with MS Project and Primavera P6 (Hands-on Training)**

Dates: 09 – 13 November 2026 at ESCI Campus, Hyderabad

INTRODUCTION

What is Project Management?

Project Management is the application of the knowledge, skills, tools and techniques to the project activities to meet the project requirements.

Microsoft Project, or MS Project Software, is project management software that allows you to plan, manage, and track your projects. MS Project Software is an effective tool for managing tasks of all kinds, from small assignments to large, complex projects.

MS Project Software offers numerous benefits, such as enhanced resource management, improved communication, better collaboration, and more effective project planning and scheduling. MS Project Software ensures project progress by assisting with the creation of a comprehensive project plan and identifying potential issues and risks early. Additionally, it facilitates efficient resource allocation, preventing overspending and ensuring that the right personnel are available when needed. It also streamlines communication with stakeholders and team members, ensuring project success and keeping everyone in the loop.

This hands-on training on **Microsoft Project and Primavera P6 Softwares** are designed to equip project professionals with essential skills to effectively plan, schedule, execute, and monitor projects. Participants will learn to develop a complete project schedule, manage resources, track progress, and generate insightful reports using MS Project tools.

COURSE OBJECTIVE

By the end of the programme, participants will be able to:

- Develop advanced project schedules using MS Project & Primavera P6
- Optimize resources and manage project costs effectively
- Monitor and control project performance using modern tools
- Apply Earned Value Management techniques
- Generate professional reports and dashboards

COURSE COVERAGE

The following course content will be detailed during the training programme:

Advanced Project Management Concepts & MS Project Fundamentals

- Project Management Framework & Lifecycle
- Advanced concepts in Scope, Time, and Cost Management
- Work Breakdown Structure (WBS) – Development & Best Practices
- Introduction to **Microsoft Project**

- Creating Projects in MS Project
- Task Creation, Linking & Constraints
- Calendar Setup (Project, Resource, Task)

Advanced Scheduling & Resource Management in MS Project

- Critical Path Method (CPM) – Identification & Analysis
- Baseline Creation and Tracking
- Resource Allocation & Leveling
- Cost Estimation and Budgeting
- Earned Value Management (EVM)

Primavera P6 Fundamentals & Project Planning

- Introduction to **Oracle Primavera P6**
- Enterprise Project Structure (EPS) & Organizational Breakdown Structure (OBS)
- Creating Projects & WBS in Primavera
- Activity Definition & Relationships
- Calendars and Scheduling Basics

Advanced Scheduling & Resource Optimization in Primavera P6

- Scheduling Techniques & Critical Path Analysis
- Resource Assignment & Leveling
- Cost Loading and Budgeting
- Risk Analysis & What-if Scenarios
- Tracking Progress & Updating Projects

Project Monitoring, Reporting & Integration

- Performance Tracking & Control Techniques
- Dashboards and Custom Reports
- Integration between MS Project and Primavera
- Multi-project management strategies
- Case Study: Real-world project simulation

METHODOLOGY

Methodology of the programme includes class room Sessions with Lecture/discussion with audio visual aid, bench marked practices if any, video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive demanding active participation from all the members. Case Method of Instructions will be the main method of knowledge facilitation.

TARGET PARTICIPANTS

Project Managers and Coordinators, Planning & Scheduling Engineers, PMO Staff, Team Leaders and Functional Managers, Engineers & Technical Professionals, Officers and managers involved in manufacturing, operation and maintenance of different industries would be largely benefited by attending this programme. Target participants mentioned here is only indicative. Officials who are responsible for project management function in their functional areas can be nominated.

RESOURCE PERSONS

The Faculty consists of experts from the Industry, Research establishments and Academia besides ESCI.

BENEFITS TO THE PARTICIPANTS

- Get Training participation certificate from ESCI, which can be used as the proof for completion of 35 mandatory project management training hours for PMP® Certification Examination Application
- Course Material and Workbook
- PMP Prep Mock Test
- Test taking strategies for the PMP® Certification Examination

PROGRAMME DIRECTOR

Dr. U.S. JYOTHI, FIE.

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PROGRAMME DATES & TIMINGS

Dates: 09 – 13 November 2026

Timings : On the first day Registration will commence at **09:00 Hrs**. On all other days the programme timings will be from **09:45-17:15 Hrs** with breaks in between for tea and lunch.

COURSE FEE:

Rs.27,500/- (Rupees Twenty Seven Thousand and Five Hundred only) per Participant +GST@18% is extra.. Fee includes, course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

Online: WebEx platform

Rs. 17,500 /- (Rupees Seventeen Thousand and Five Hundred only) per participant + GST@18% is extra.

DISCOUNTS

- **Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants.

PAN Card No AAATT3439Q; GST No. 36AAATT3439Q1ZV. H.S. No. 999293 (Under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favor of **“THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA”** in the form of demand draft payable at Hyderabad. Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI - **SB A/c No.0432104000039631 with The IDBI Bank Ltd., Gachibowli Branch, Plot No. 2-53/2, JNIBF, IIIT Junction, Gachibowli, Hyderabad-500032 by RTG's/ NIFT / IFSC Code No: IBKL0000432**. While using EFT method of payment, please ensure to communicate us your company name, our Invoice reference and programme title.

CERTIFICATION

A Certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS:

- ESCI encourages participants to present case studies from their respective organizations.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation).
- Well-developed Information Centre and Internet facilities are available to the participants free of cost.