



**TRAINING DURATION:  
80 HOURS**

# SKILLS BUILDING TRAINING

Join our training program to upgrade your skills and accelerate your career growth with confidence and excellence.

Real-World Industry Experience

Professional Networking Ecosystem

Experiential Skill-Based Training

Personalized Career Roadmapping



## Contact Us

+ 91- 9009015026 | 7748888320 | 9302956564

[www.certedtechnologies.com](http://www.certedtechnologies.com)

**REGISTER NOW**

**Gwalior**

**Noida**



**FOLLOW NOW**



# Master Certificate in Project Management

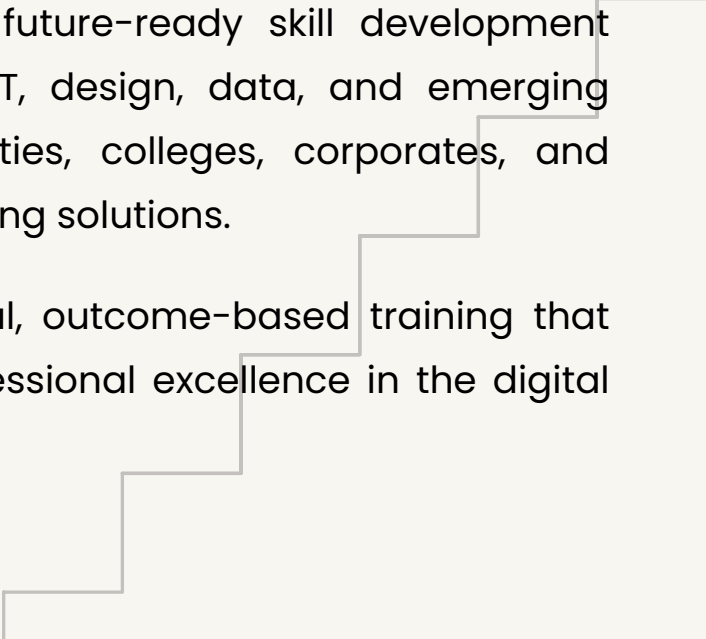
The Master Certificate in Project Management is a comprehensive, job-oriented professional program designed to develop high-impact project planning, scheduling, and control skills using Primavera P6 and Microsoft Project (MSP)—the two most widely adopted project management tools across industries.

This program equips learners with the technical, managerial, and analytical capabilities required to manage complex projects efficiently, ensuring on-time delivery, cost control, and optimal resource utilization. The curriculum is aligned with PMI® Project Management Body of Knowledge (PMBOK®) standards and real-world industry practices.

## About Company

Certed Technologies is a leading EdTech and corporate training organization committed to delivering industry-relevant, future-ready skill development programs. With a strong portfolio across IT, design, data, and emerging technologies, we collaborate with universities, colleges, corporates, and training institutes to deliver job-oriented training solutions.

**Mission:** To empower learners with practical, outcome-based training that enhances employability, creativity, and professional excellence in the digital economy.

A decorative graphic consisting of a series of horizontal and vertical lines forming a staircase shape, located in the bottom right corner of the page.

# Market Scope – Master in Project Management

## Industry Overview

Project Management has become a critical function across all major industries due to increasing project complexity, tight deadlines, budget constraints, and stakeholder expectations.

### Global & Indian Market Trends

- Massive investments in infrastructure, smart cities, highways, metros, renewable energy, oil & gas, and manufacturing
- Increased adoption of enterprise project controls and digital planning tools
- Strong demand for certified planning & scheduling professionals
- Integration of cost control, risk management, and performance analytics into project planning

### Software Demand

- Primavera P6 dominates large-scale and EPC projects
- Microsoft Project is widely used for small- to mid-scale projects and corporate planning
- Companies expect professionals to work fluently on both tools

## Career Opportunities

- Project Planning Engineer
- Planning & Scheduling Executive
- Primavera Planner
- MS Project Specialist
- Project Control Engineer
- Project Coordinator
- Project Control Analyst
- Assistant Project Manager

# Key Benefits of the Program

## ✓ **Industry-Aligned Project Management Curriculum**

Aligned with PMBOK® guidelines and global project control practices, covering the complete project lifecycle from initiation to closure across engineering and business projects.

## ✓ **Dual Software Mastery – Primavera P6 & Microsoft Project**

Hands-on expertise in Primavera P6 for large-scale EPC and infrastructure projects and Microsoft Project for planning, scheduling, and reporting in mid-scale and corporate environments.

## ✓ **Real-World Project Planning Experience**

Practical exposure to construction and engineering project schedules, including activity sequencing, resource allocation, cost loading, and baseline management.

## ✓ **Advanced Planning & Control Skills**

In-depth training in critical path analysis, resource leveling, earned value management (EVM), delay analysis, and performance forecasting.

## ✓ **Enterprise-Level Project Coordination Knowledge**

Learn multi-project management, portfolio tracking, stakeholder coordination, and professional reporting workflows used in EPC and consulting organizations.

## ✓ **Global Project Management Standards Exposure**

Strong understanding of PMBOK®, CPM, EVM, WBS, OBS, EPS, and risk management processes, supporting PMP® and international career pathways.

## ✓ **Professional Reporting & Dashboard Expertise**

Create client- and management-ready reports, dashboards, and progress updates using Primavera P6 and Microsoft Project.

## ✓ **Job-Ready Planning & Scheduling Portfolio**

## ✓ **Career & Placement Support**

## Module 1: Project Management Framework

### Topics:

- Introduction to Project Management
- Organizational Structures
- Project vs Operations
- Project Lifecycle & Process Groups
- Stakeholder Identification
- Role of Project Manager & Planner
- Overview of PMBOK® Knowledge Areas

## Module 2: Project Initiation & Planning Concepts

### Topics:

- Project Charter
- Scope Definition
- Project Objectives & Deliverables
- Project Constraints (Time, Cost, Scope, Quality)
- Risk Identification
- Communication Planning
- Procurement Planning Overview

## Module 3: Microsoft Project – Fundamentals

### Topics:

- Introduction to MS Project Interface
- Project Information & Calendar Setup
- Task Creation & Task Types
- Task Relationships & Dependencies
- Milestones & Constraints
- Recurring Tasks
- Work Breakdown Structure (WBS)
- PLC Layout

## Module 4: Microsoft Project – Resource & Cost Management

### Topics:

- Resource Types (Work, Material, Cost)
- Resource Assignment
- Resource Analysis & Leveling
- Budget Allocation
- Cost Tracking
- Baseline Creation
- Variance Analysis

## Module 5: Microsoft Project – Monitoring & Control

### Topics:

- Project Tracking Techniques
- Progress Updating
- Earned Value Management (EVM)
- Schedule Performance Index (SPI)
- Cost Performance Index (CPI)
- Filters & Groups
- Custom Fields
- Reports & Dashboards
- Managing Multiple Projects
- Report Customization & Formatting

## Module 6: Primavera P6 – Introduction & Setup

### Topics:

- Primavera P6 Overview
- Enterprise Project Structure (EPS)
- Organizational Breakdown Structure (OBS)
- User Access & Roles
- Global & Project Calendars

## Module 7: Primavera P6 – Planning & Scheduling

### Topics:

- Work Breakdown Structure (WBS)
- Activity Creation
- Activity Relationships
- Activity Codes
- Scheduling Options
- Critical Path Method (CPM)
- Float & Constraints
- Baseline Creation
- Schedule Comparison

## Module 8: Primavera P6 – Resource & Cost Control

### Topics:

- Resource Creation
- Resource Roles
- Resource Assignment
- Resource Leveling
- Budgeting & Cost Loading
- Planned vs Actual Analysis
- Earned Value in Primavera

## Module 9: Primavera P6 – Monitoring & Risk Control

### Topics:

- Thresholds
- Issues Management
- Risk Register
- Schedule Updates
- Performance Analysis
- Delay Analysis
- Forecasting

## Module 10: Reporting & Integration

### Topics:

- Report Setup
- Layouts & Custom Reports
- Project Website Creation
- Export & Import
- Integration with Excel
- Portfolio Monitoring

**Duration: 10 Hours**

## Module 11: Project Execution, Monitoring & Closing

### Topics:

- Project Execution Best Practices
- Monitoring & Controlling Process Group
- Control Risk
- Control Procurement
- Control Stakeholder Engagement
- Project Closing Process Group
- Lessons Learned Documentation

**Duration: 10 Hours**

## Industry Projects (Practical Exposure)

### Topics:

- Construction Project Scheduling
- Infrastructure Project Planning
- EPC Project Resource Management
- Delay & Recovery Scheduling
- Cost Control & EVM Analysis

## Outcomes of the Program

Develop professional project schedules

Manage multi-project environments

Control project cost, time, and resources

Apply earned value management techniques

Identify and mitigate project risks

Work confidently on Primavera P6 & MSP

## Career Roles After Completion

Project Planning Engineer

Planning & Scheduling Executive

Primavera Planner

MS Project Specialist

Project Control Engineer

Project Control Analyst

THANK YOU!



# Contact Us

 Website

[www.certedtechnologies.com](http://www.certedtechnologies.com)

 Phone

+91-89201-58923 | +91 -90090-15026



[support@certedtechnologies.com](mailto:support@certedtechnologies.com)

 HQ address

Abhilasha Bhawan, Pinto Park Tiraha,  
Gwalior, 474005, Madhya Pradesh.