

Refine. Redefine The Path to Project Success

Executive Certificate Program in

Advanced Project Management and Analytics





2023 Project Management Market Insights and Predictions

46% of the organizations are listing **project planning** as a top priority.

Agile methodology is becoming increasingly popular, with 71% of global organizations using it.

To improve performance, 68% of organizations emphasize developing project management skills.

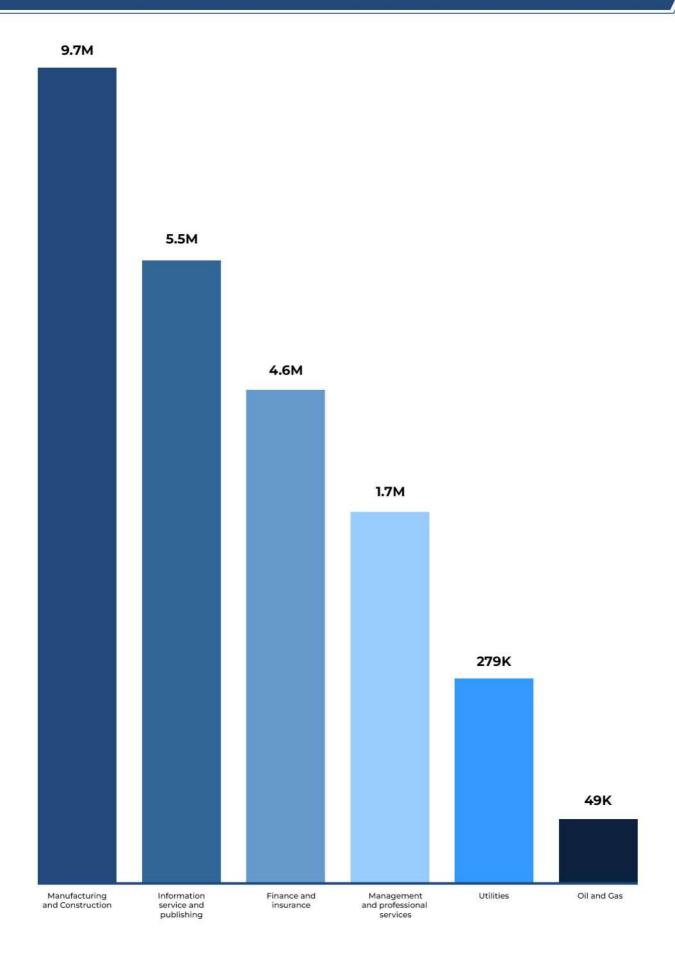
*quixy.com

Around **25 million** new **project management professionals** will be needed in the talent landscape by 2030.

*findstack.com

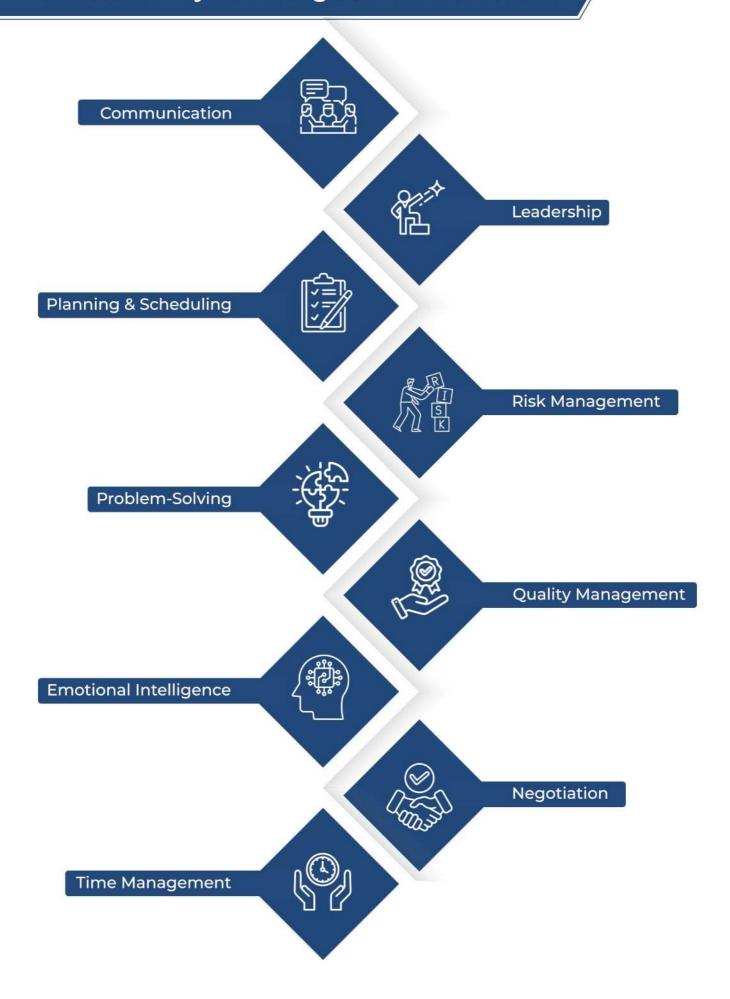
According to the Project Management Institute, the global economy will require **87.7 million project management roles** by 2027.

Projected Growth-Oriented Employment from 2017- 2027



*Raconteur.net

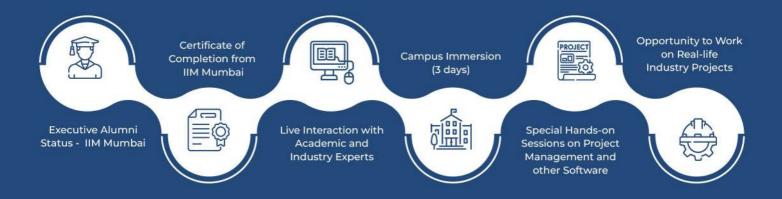
Must-Have Project Management Skills in 2023



Program Overview

Project Management is becoming one of the most needed fields for all kinds of organizations. The VUCA environment is making projects more and more complex, forcing organizations to shift to "Mission Mode" operations. Thus, skills for completing these tasks within specified time and cost limits with quality outcomes are on the rise. However, more than half of the projects fail to meet schedule, budget, and quality goals. So, this course aims to provide prevailing knowledge, behavioral skills, processes, tools, and techniques needed to successfully manage the projects within the expected time, cost, and quality performance using qualitative and quantitative based analytic techniques.

Program Highlights



Learning Objectives

- ▶ To equip the participants with the tools and techniques available for efficient management of projects through effective planning, execution, and closure.
- ▶ To provide strategic perspectives to select, finance and manage the organization's project portfolio.
- ▶ To facilitate the development of capabilities to effectively handle the behavioural challenges faced by project managers in managing teams and different stakeholders.
- To apply analytics to make effective decisions for delivering projects successfully.

Pedagogy



Program Content

Module 1

Introduction to Projects, Business and Strategy

Projects in Indian Context

Programs/Portfolio/Projects and Their Life Cycle

Project Portfolio Selection

Implementing Strategy through Projects/Portfolio

Portfolio Management and Project Feasibility and Selection

Ideation

Market Feasibility

Technical Feasibility

Financial and Economic Feasibility

Project Planning and Scheduling

Project Planning Overview

Work Breakdown Structure

PERT and CPM

Project Scheduling under Resource Constraints

Project Budgeting and Finance

Budgeting Overview

Cost Estimation Methods

Earned Value Analysis

Project Analytics

Introduction to Analytics in Project Management

Monte Carlo Simulation

Analytical Methods

Special Hands-on Session on Project Management Software

■ Hands-On Session on MS project for Project Management

Practice Session on Case Study using MS Project

End Module Assessment (Assignment and MCQ)

Program Content

Module 2

Project Risk Analytics

Introduction to Risk Management

Risk Identification

Risk Assessment through Analytical Techniques

Risk Management Strategies

Project Procurement and Contract Management

Procurement Process

Types of Procurement Methods

Tendering Process

Contracts Types and Management

Project Leadership

Stakeholder Management

Team Building

Conflict Management and Negotiations

Digital Technologies for Project Management

Overview of Digitalization in Project Management

Application of Blockchain in Project Management

Application of Big Data Analytics and AI in Project Management

Agile Project Management

Introduction to Agile

Team Performance and Value Delivery

Continuous Improvements

Special Hands-on Session on Project Management Software and Other Relevant Tools

Hands-On Session on Anylogic for Project Management

Practice Session on Case Study using Anylogic

Capstone Project

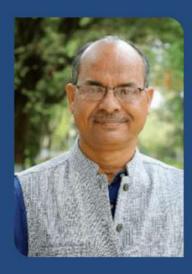
Methodology

- Online Assessment
- Assignments
- Capstone Project Presentations

Note: A minimum of 75% attendance is a prerequisite for the successful completion of this programme. The participants will have to secure the minimum pass marks in the evaluation components specified by the faculty.



Message from Director



Prof. Manoj K Tiwari Director, IIM Mumbai

Dear Aspirants,

IIM Mumbai formerly known as (NITIE) retains its legacy of solid Industry connections and offers courses blending contemporary management techniques evolving with emerging needs in the market. I am pleased to announce that IIM Mumbai will launch online Executive Programs using digital platforms for working executives across contemporary management disciplines.

In this era of hyper-competition and churning market dynamics, one must constantly upgrade skills in the recent management tools and techniques and be knowledgeable with the current ideas to remain relevant in the market. IM Mumbai provides this opportunity by offering the most up-to-date online executive courses embracing recent concepts and techniques in management disciplines.

I invite you all to leverage the opportunities that IIM Mumbai will offer by enrolling in the courses, growing in your career by upskilling your knowledge base, and being ready for the market's current and future demands.



Message from Dean SRIC



Prof. Vivekanand B. Khanapuri

B.E. (Mechanical), M.B.A., Fellow of IIM Mumbai (Equivalent to Ph.D.) Professor & Dean (Sponsored Research & Industrial Consultancy) Operations and Supply Chain Management, IIM Mumbai

IIM Mumbai formerly known as (NITIE) with sixty years in Executive Education and Industrial Consultancy, is glad to launch online executive programs leveraging digital platforms to provide opportunities for different layers of cross sections of industry executives and be future-ready by leveraging the contemporary bodies of knowledge in analytics, supply chain, and sustainability.

As individual and corporate executives, you need to resharpen your skills and propel your careers on a fast track. I urge you to leverage the opportunities offered by the Institute.

My best wishes in your endeavor for your career growth.

Meet Our World-Class Faculty



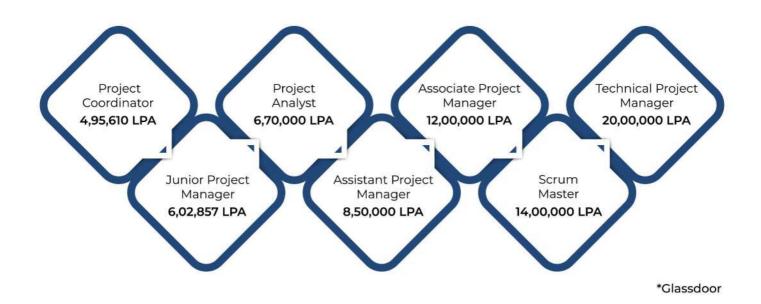
Prof. Ruchita Gupta Associate Professor

Prof. (Dr.) Ruchita Gupta Associate Professor, (Operations and Supply chain management) Prof. Ruchita Gupta, Ph.D., is an accomplished professional with expertise in technology, innovation, and project management. She holds a B.E. in Electrical Engineering (Gold Medalist) from Nagpur University, M.Tech in Electronics Engineering from MNNIT Allahabad, and a Ph.D. from SJMSOM, IIT Bombay. With prior industry experience at Hewlett-Packard and Financial Technologies, her research interests span various areas - product and innovation management, technology diffusion, forecasting and modelling, project management, risk analytics. She has published extensively in reputable journals such as Technology Forecasting and Social Change, Decision Sciences, and IEEE Transactions on Engineering Management. She has also authored international book chapters and conducted trainings for organizations like Marico, L&T, DRDO, and HPCL. Recognized for her contributions, she received the Award of Prominence in Technology Management from IAMOT, USA, and was conferred the IAMOT Fellowship Award in 2022. Additionally, she currently serves as the VP-Communications of the POMS India Chapter and has been appointed as the Genpact Associate Chair Professorship.

Program Details

Duration	7 to 8 Months	
Mode	Blended Mode (Live Online + Campus Immersion)	
Eligibility	Graduates (10+2+3) or Diploma Holders (only 10+2+3) from a recognized university (UGC/AICTE/DEC/AIU/State Government/recognized international universities) in any discipline with a minimum of 03 years of work experience after graduation or diploma holder with at least 05 years of experience.	
Schedule	Frequency: Once a week Days: 3-hour session per week Timings: Every Sunday - 1 st session from 10 am to 11.30 am - 2 nd session from 11.45 am to 1.15 pm	
Campus Immersion	3 Days of Campus Immersion (towards the end of the program)	

Career Prospects in Project Management



Particulars	Amount (INR)
Application Fee	1,000 + GST
Total Fee	1,40,000 + GST

Installment Pattern		
Particulars	Amount (INR)	
Installment 1	80,000/- + GST	
Installment 2	60,000/- + GST	

Easy EMI Options Available



Specimen Certificate

Participants who successfully meet the evaluation criteria and satisfy the requisite attendance criteria will be awarded a 'Certification of Completion' of Executive Program Certificate in Advanced Project Management and Analytics program by IIM Mumbai (NITIE).





About IIM Mumbai (NITIE)

IIM Mumbai erstwhile known as NITIE was established in 1963 by the Government of India with the assistance of the United Nations Development Project (UNDP) through the International Labour Organization (ILO), is one of the leading institutes for Management education. This institute, a pioneer in Industrial Management, has been positioned 7th amongst management schools in India by the National Institutional Ranking Framework (NIRF) in 2023.

IIM Mumbai, widely known as the leading Institute in Supply Chain and Operations, aims to advance transformative education and industry-inspired research in different domains, thus dedicating itself to helping Indian businesses make their presence felt globally. The Institute strongly links with private and public sectors, national research institutes, other academic institutions, universities, government organisations, and communities and is dedicated to helping Indian businesses make their presence felt globally.

