भारतीय प्रौद्योगिकी संस्थान दिल्ली
Indian Institute of Technology Delhi

Batch 6

CERTIFICATE PROGRAMME IN
PROJECT MANAGEMENT

Technical Orientation: June 17, 2023 | 6 Months | Live Online Sessions

Programme offered by Continuing Education Programme (CEP), IIT Delhi

OVERVIEW

WHO IS THIS PROGRAMME FOR?

Business growth across domains hinges on effective project management. But inaccurate forecasts of project time, costs, and resources dampen innovation and inhibit success. The proliferation of digital technology has accelerated change, increased the frequency and occurrence of projects, and forced a need to enhance and rethink project management skills. Organisations put their power behind professionals with a versatile skill set who can manage change and achieve project goals on time and within budgets.

IIT Delhi's **Certificate Programme in Project Management** will help you understand project management concepts and principles and deliver projects with a precise focus on time, budget, and quality. It will introduce you to the tools and techniques used for comprehensive project management – from its initiation to closing. Enrolling in this programme will equip you with robust planning abilities, the capacity to set clear goals and realistic objectives and achieve them with a single-minded determination.

- **Recent Graduates and early professionals** who are working or aspire to work in Project Management roles

- **Managers** without any formal qualification in project management who would like to learn and gain state-of-the-art project management and scheduling skills

- **Professionals across industries** who want to deepen their competence through advanced project management tools and techniques

- **Consultants** who want to absorb the latest project management tools and techniques to suggest pioneering project management solutions to their clients and master the art of delivering projects on time

- **Entrepreneurs and investors** who would like to allocate resources efficiently, identify profitable opportunities and rehash their existing business processes using project management principles

The global economy needs 25 million new project professionals by 2030. To close the talent gap, 2.3 million people will need to enter PMOE every year just to keep up with demand – this includes project managers and all changemakers.
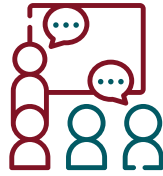
(PMI, 2021)

PROGRAMME HIGHLIGHTS
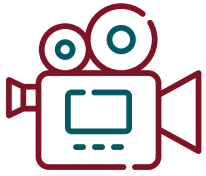
Live Online Sessions

Immersive Pedagogy

Peer-to-peer Learning

Real-world Business Applications

Industry Case Studies

Note:
-The primary mode of learning for this programme is via live online sessions with faculty members. Post session video recordings may or may not be made available, at the discretion of faculty members. Emeritus or the institute does not guarantee availability of any session recordings.
-The programme highlights presented above are approximate, and subject to change depending on the availability and expertise of the teaching faculty, as well as the program's desired outcomes.

LEARNING OUTCOMES

Understand the project management trajectory from defining the project scope to closure

Leverage project management to increase profits and acquire a sustainable competitive advantage

Apply globally-recognised project management frameworks for real-world problems

Learn to apply risk analysis techniques and monitor projects on schedule & cost

Understand Six Sigma, Quality Management & Agile Project Management and apply them in an organisational context

PROGRAMME MODULES

- **Module 1**: Introduction to Project Management

- **Module 2**: Knowledge areas as per PMBOK

- **Module 3**: Project Scope Management

- **Module 4**: Project Charter and Stakeholder Management

- **Module 5**: Project Life Cycle & Initiation

- **Module 6**: Portfolio Approach to Project Management

- **Module 7**: Project/Portfolio Selection & Organisational Strategy

- **Module 8**: Project Planning

- **Module 9**: Project Scheduling

- **Module 10**: Project Cost Management

- **Module 11**: Risk Analysis in Project Management

- **Module 12**: Exposure to Software applicable in Project Management

- **Module 13**: Project Procurement and Supply Chain Management

- **Module 14**: Project Quality Management

- **Module 15**: Six Sigma & Project Management

- **Module 16**: Critical Chain Project Management

- **Module 17**: Project Communication Management

- **Module 18** Software Project Management and Adaptive & Agile Project Management

- **Module 19**: PM Process Framework and Value Delivery Systems in Project Management

- **Module 20**: Behavioral & Leadership aspects of Project Management

- **Module 21**: Human Resource Planning in Project Management

- **Module 22**: Business Analytics, AI and Automation in Project Management

- **Module 23**: Project Commissioning, Closure & Handover

Note:

Modules/ topics are indicative only, and the suggested time and sequence may be dropped/ modified/ adapted to fit the total programme hours.
Case studies, real world examples and numerical illustrations are an integral part of multiple modules included in the course.
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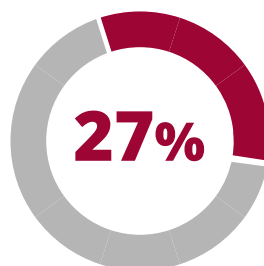
PAST PARTICIPANT PROFILES

Work Experience

21%
0-5 Years

34%
6 to 10 Years

27%
11 to 15 Years
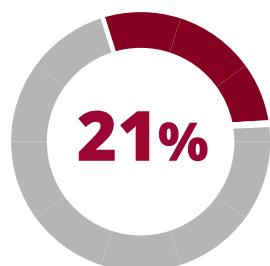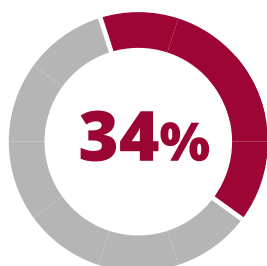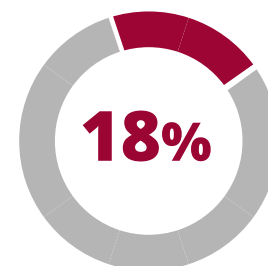
18%
16+ Years

Industries
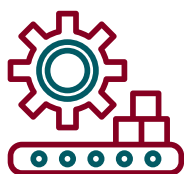
18%
IT Services

15%
Infrastructure

9%
Oil and Gas / Energy

7%
Manufacturing

8%
Banking and Finance

43%
Others*

Others include Govt. Affairs, Consulting, Pharmaceuticals, Healthcare, FMCG, etc.

Top Participant Companies

- Infosys
- British Telecom
- Qatar Gas
- Capgemini
- Google

- Accenture
- Highways Authority of India
- Havells
- WAPCOS
- Fluor Daniel

PROGRAMME COORDINATOR

DR RAVI SHANKAR
Professor,
Department of Management Studies, IIT Delhi

RAVI SHANKAR is Professor (HAG) in the Indian Institute of Technology, Delhi in the Department of Management Studies. His teaching and research are primarily in the area of Operations and Supply Chain Management, Project Management, Decision Sciences and Business Analytics & Optimization. Dr Shankar has a rich industry and teaching experience of over 30 years. He has published over 400 research papers and co-authored nine books. His research citations exceed 25000 with an H-index of 78 (Feb 2023). He is the "Fellow of Indian National Academy of Engineers (FNAE)". In year 2016, a research paper published in Omega: An International Journal of Management Science has ranked him as the top-most productive researcher in the Business-schools in India. Prof. Shankar is the recipient of 'Dr R. P. Mohanty Gold Medal for Outstanding Teacher' from Indian Institute of Industrial Engineering (IIIE), Mumbai India

PROGRAMME FACULTY

DR KUMAR NEERAJ JHA
Professor,
Department of Civil Engineering, IIT Delhi

Dr Kumar Neeraj Jha started his career with Larsen and Toubro Ltd and was instrumental in the successful completion of several construction projects of national importance. He has published more than 90 papers in international and national journals and conference proceedings. Professor Jha teaches various courses in construction technology and management. He has supervised six PhD students, more than 100 M.Tech. Students and conducted many training programs for industry. He has also been involved with several consultancy projects.

Note: Programme faculty might change due to unavoidable circumstances, and revised details will be provided closer to the programme start date.

PARTICIPANT TESTIMONIALS

SAGAR DUTTA
Assistant Manager PwC India

Interactions and lectures conducted by the faculties, were indeed very well-led. Faculty really went out of the way to teach us detailed topics and were well-researched with case studies and a lifetime of experience.

PRIYANKA KAUL BHARDWAJ
SAP Consultant

The best part of the program was hands on experience on MS Project. Also I appreciate way Six Sigma concept was explained. I wallowed in the numerical related to AOA and AON network diagrams, prompted to solve more to understand the concept, which were later useful in finding Float. Thoroughly enjoyed the lecture and demos by all professors. Thank you. I followed along with the Demo for the tools and practised them first hand as well. Professors were always there to clear any doubts in the session and beyond. Thankful for their invaluable time. Hope to bring augustness to the Institution from which I learnt the Project Management skill.

KIRAN J RAM
Corporate Treasury- Manager

Agile, quality, schedule management, SCM, communication were exceptionally well taught by the faculties. entire pm course was organized and very well structured with top notch course content.

PARTICIPANT TESTIMONIALS

SUSHANT AGRAWAL
City Head, Lighthouse Communities

The program has mix of both theory and practical giving complement to each other. Just when I thought that the program can't get any more interesting, Prof Jha took it to next level. So, a big thanks for both Prof Ravi and Prof Jha.

VIKAS ANAND
Lead Production Coordinator Encora Inc.

The course plan and it's execution by professors Ravi Shankar and Dr. Jha was top-notch. The best part was their dedication. Never did they make us feel it was an online course. They were available throughout to answer our queries and support us with their advice. Everything helped me become confident.

PAWAN KUMAR KURMI
Implementation and Training, MavenVista Technologies Pvt Ltd

As the course progressed the concepts kept getting clear and influx of some new and potential methods of Project Management in Indian Industries were delivered. Overall the course curriculum was beyond the conventional PMBOK and other International Project Management practices. This was the crux of this program which helped me in improving my skillset. This is the best certification course I ever did and I would recommend individuals to take this course. Its more than just a certification and it will increase your ability 20x at your workplace. Thanks to Team Eruditus for providing an outstanding service to participants.
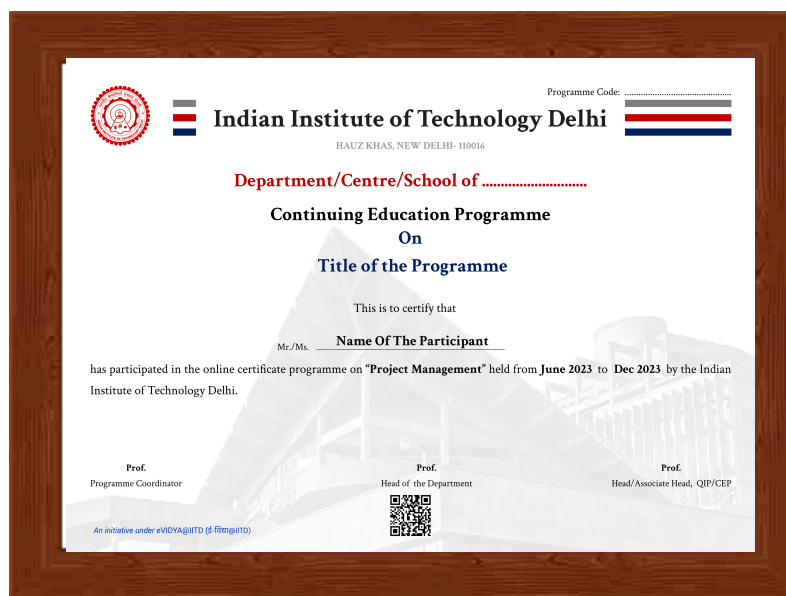
PROGRAMME CERTIFICATE

Participants who score at least 50% in the evaluation components and maintain a minimum of 60% attendance in both lectures and tutorials will be awarded a completion certificate.

Participants who are unable to score 50% in the evaluation components will be eligible for a participation certificate if their attendance is above 60% in both lectures and tutorials.

We encourage you to attend all the live sessions and make the best out of these interactive learning experiences. Post session video recordings may or may not be made available, as per discretion of respective faculty members.

Note:- All certificate images are for illustrative purposes only and may be subject to change at the discretion of IIT Delhi.
-Only e-certificate will be issued by CEP IIT Delhi.
-The organising department for this programme is the Department of Management Studies.
-Emeritus or the institute does not guarantee availability of any session recordings.

PROGRAMME DETAILS

Programme Schedule

Duration	6 Months
Technical Orientation	June 17, 2023
Academic Orientation	June 24, 2023
Live Online Sessions	3 hours/ Saturday 06:45 PM to 09:45 PM
Programme Application Link	Click here to apply to the programme

Eligibility
- Graduates (10+2+3) in any discipline/ Diploma Holders in any branch of Engineering from a recognised university.
- The above criteria should be as on June 17, 2023

Evaluation
- The evaluation will be at faculty's discretion. It will include quizzes, projects, case studies, problems, etc.

Selection Process
- Screening and selection will be done by IIT Delhi

PAYMENT SCHEDULE

Programme Fee   INR, 70,000 + GST

Instalment Schedule

	Instalment 1	Instalment 2	Instalment 3
Remarks	Within 5 days post selection	June 20, 2023	Aug 15 , 2023
Amount	INR 10,500 + GST	INR 28,000 + GST	INR 31,500 + GST

Note:
- The actual programme schedule will be announced closer to the programme start
- In case a programme session corresponds with a public holiday, the session would be held on the following day
- GST (currently @ 18%) will be charged extra on these components

Application Deadline	June 9 , 2023
Shortlisted Candidates Will Be Informed by	June 15, 2023
Last Date to Submit the Fees	Within 5 days post selection

Note: Applications will be reviewed based on eligibility and subsequent shortlisting process as laid down by the Programme Coordinators.

All fees should be submitted in the IIT Delhi CEP account only, and the receipt will be issued by IIT Delhi CEP account for your records.

APPLICATION REQUIREMENTS

Graduation and Post-Graduation Education:

- Passing Certificate – Diploma/ Degree/ Doctorate

Experience Documents (If Applicable):

- For Previous Organisation(s): Relieving letters
- For Current Organisation: Current Salary Slip or Bonafide Certificate from the HR department on company letterhead

ID Proof:

- Any Government-issued photo ID like PAN Card/ Driving License/ Passport, etc.
- Submission of passport-size photo during application is mandatory

SYSTEM REQUIREMENTS

This programme includes live online classes conducted on Zoom. To attend a live online class you will need to have a PC/ Laptop/ Mac with:

- Speakers and microphone: built-in or a USB plug-in or wireless Bluetooth
- Webcam: built-in or USB plug-in
- Processor: with Dual Core 2Ghz or higher (i3/ i5/ i7 or AMD equivalent)
- RAM: 4 GB or higher
- OS: Either MacOS 10.7 or higher OR Windows 8 or higher
- An internet connection: Minimum bandwidth of 3.0 Mbps (up/ down)
- Browser: IE 11+, Edge 12+, Firefox 27+, Chrome 30+
- Zoom software client installed on your PC/ Laptop/ Mac

We use the Zoom software application to conduct live online classes. Zoom works on a variety of PCs/ Laptops/ Mac systems and also on phones and tablets.

You can join your live online class from a phone or tablet if it supports the Zoom client.

We recommend that you attend classes from a PCs/ Laptops/ Mac.

ABOUT IIT DELHI

The Indian Institute of Technology Delhi (IIT Delhi) is one of the 5 initial IITs established for training, research and development in science, engineering and technology in India. Established as College of Engineering in 1961, the Institute was later declared as an Institution of National Importance under the "Institutes of Technology (Amendment) Act, 1963" and was renamed as "Indian Institute of Technology Delhi". It was then accorded the status of a Deemed University with powers to decide its own academic policy, to conduct its own examinations, and to award its own degrees.

Since its inception, over 48000 have graduated from IIT Delhi in various disciplines including Engineering, Physical Sciences, Management and Humanities & Social Sciences. Of these, nearly 5070 received PhD degrees. The rest obtained a Master's Degree in Engineering, Sciences and Business Administration. These alumni today work as scientists, technologists, business managers and entrepreneurs. There are several alumni who have moved away from their original disciplines and have taken to administrative services, active politics or are with NGOs. In doing so, they have contributed significantly to the building of this nation, and to industrialisation around the world. For more details, please visit: www.iitd.ac.in

ABOUT CONTINUING EDUCATION PROGRAMME (CEP)

Executive education is a vital need for the companies to build a culture that promotes newer technologies and solutions and builds a workforce that stays abreast of the rapidly transforming needs to the technological, business and regulatory landscape.

Committed to the cause of making quality education accessible to all, IIT Delhi has launched Online Certificate Programmes under eVIDYA@IITD (ई-विद्या@IITD): enabling Virtual & Interactive-learning for Driving Youth Advancement@IITD for Indian as well as international participants. These outreach programmes offered by the Indian Institute of Technology Delhi (IIT Delhi) are designed to cater to the training and development needs of various organisations, industries, society and individual participants at national and international level with a vision to empower thousands of young learners by imparting high-quality Online Certificate Programmes in cutting-edge areas for their career advancement in different domains of engineering, technology, science, humanities and management. For more details, please visit: http://cepqip.iitd.ac.in

APPLY NOW

For registration and any other information,
please get in touch with us at iitd.execed@emeritus.org

For any feedback, please write to Head CEP, IIT Delhi
at contactcep@admin.iitd.ac.in

WhatsApp an Advisor on +91 74120 81081*
This number does not accept any calls. Please message your queries.

service provider
EMERITUS

Disclaimer: Online Certificate Programmes are offered by the Indian Institute of Technology Delhi under the aegis of Continuing Education Programme (CEP) so that the Institute can realise its vision of serving as a valuable resource for industry and society, and fulfil its mission to develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Programme offered by Continuing Education Programme (CEP), IIT Delhi