



भारतीय प्रौद्योगिकी संस्थान दिल्ली  
Indian Institute of Technology Delhi

BATCH 8



## CERTIFICATE PROGRAMME IN **PROJECT MANAGEMENT**

Academic Start Date: Feb 17, 2024 | 6 Months | Live Online Sessions

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

# OVERVIEW

As one of the leading educational institutions in India, IIT Delhi brings you an exceptional opportunity to master the art and science of project management. This comprehensive programme is designed to equip professionals like you with the skills, knowledge, and tools necessary to excel in the dynamic field of project management. Whether you are an experienced project manager looking to enhance your expertise or someone aspiring to enter this exciting field, our programme will provide you with a solid foundation and advanced insights to effectively lead and deliver successful projects. Join us and embark on a transformative journey that will elevate your project management capabilities to new heights. Project management plays a crucial role in ensuring project success by aligning projects with organizational goals, optimising resources, managing risks, facilitating effective communication, ensuring quality, and adapting to change. It is a strategic discipline that enhances efficiency, effectiveness, and stakeholder satisfaction, ultimately driving organisational success.

The project management market in India is expected to grow at a CAGR of 13% from 2022 to 2027. The number of project management jobs in India is expected to reach 21.7 million by 2027. Project managers with certifications earn up to 23% more than those without certifications.

# WHO IS THIS PROGRAMME FOR?

- **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 reinvent 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



**80+ Hours 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. .

-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 programme's desired outcomes.

-A one-day campus visit may be facilitated for the participants on request. The boarding and lodging costs will be borne by the candidates.

# 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 and 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 and Project Management
- **Module 16:** Critical Chain Project Management
- **Module 17:** Project Communication Management
- **Module 18:** Software Project Management, and Adaptive and Agile Project Management
- **Module 19:** PM Process Framework and Value Delivery Systems in Project Management
- **Module 20:** Behavioural & 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.
- The primary mode of learning for this programme is via live online sessions with faculty members.
- Post session video recordings will be made available for additional two months after the last session of the programme.
- Emeritus or the institute does not guarantee availability of any session recordings.

# 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, research and corporate training are primarily in the area Operations and Supply Chain Management, Project Management, Decision Sciences, and Business Analytics & Optimization. He is the "Fellow of Indian National Academy of Engineers (FNAE)". The 2nd Edition of Research.com (November 2022) ranked Prof. Ravi Shankar as the best (1st Rank) scientist (researcher) in India and **101st best globally in the arena of Business and Management.** Prof. Shankar appeared in the **2022 list of Elsevier's Top 2% list Indian Productive Researchers** in the business and management category on a single year basis.

In 2018, from the Minister of Human Resource Development (Govt. of India), he received the **"Outstanding Faculty Award" for being the "The Most Research Proficient Faculty of India in management area."** 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. He was also ranked as the top Indian researcher in Logistics by leading area experts in German Universities.** Prof. Shankar is the recipient of 'Dr R. P. Mohanty Gold Medal for Outstanding Teacher' from Indian Institute of Industrial Engineering (IIIE), Mumbai India. He has strong academic collaborations with many leading business schools in UK, USA, Thailand, Denmark, Vietnam, etc.

Prof Ravi Shankar co-authored textbooks on Operations & Supply Chain Management, Management of Technology, and Strategic Management of Technological Innovation. His research citations exceed 36,900 with an H-index of 81 (till Sept. 2023), which is one of the highest in any Business Schools in India. He regularly conducts training programs, through online E-learning platforms as well as face-to-face interactions, for working professionals in industries and academia, in the broad area of Operations & Supply Chain Management, Project Management, Six-sigma: Green-belt, and Business Analytics & Optimisation.

## **BOOKS AUTHORED BY DR. RAVI**

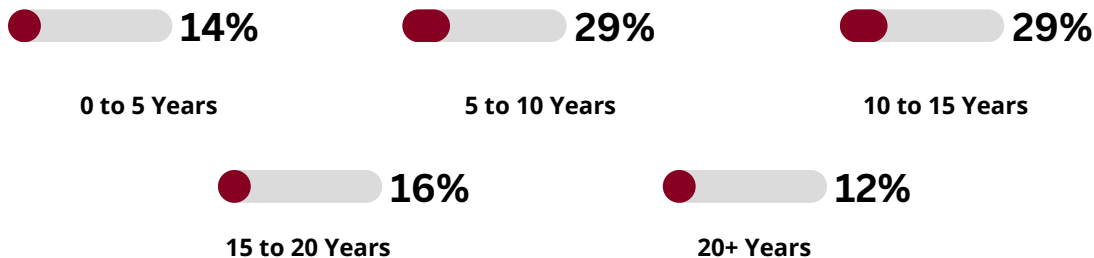


Note: Programme faculty might change due to unavoidable circumstances, and revised details will be provided closer to the programme start date.

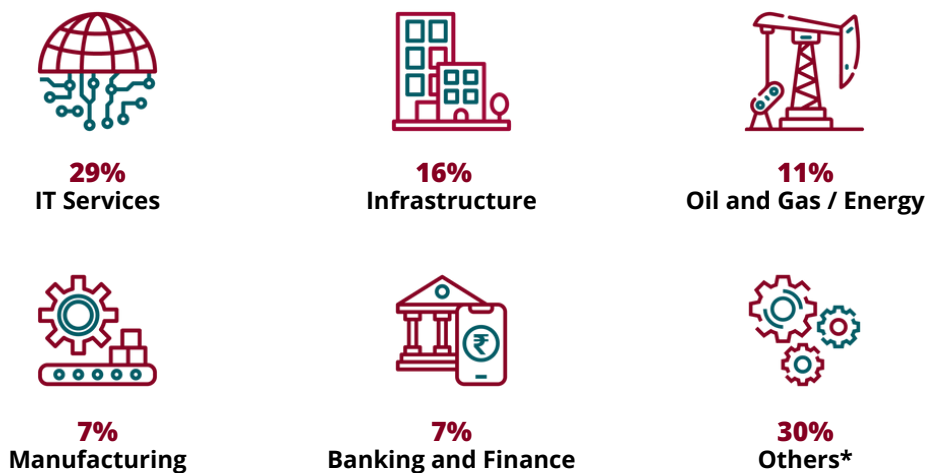
Programme offered by Continuing Education Programme (CEP), IIT Delhi

# PAST PARTICIPANT PROFILES

## Work Experience



## Industries



\*Others include Consulting, Pharmaceuticals, Healthcare, and FMCG, amongst others.

## Job Functions

- Administration & HR
- Administrative
- Consulting
- Customer Service
- Engineering
- Finance/Accounting
- General Management
- Government Affairs
- Human Resource
- Information Systems/ Technology
- Marketing
- Marketing and Sales
- Operations
- Consultant
- Counselling
- Psychologist
- Digital Journalist and Social Media Professional
- Instructional Designer
- Strategy and Brand
- Research and Development
- Sales



# PARTICIPANT TESTIMONIALS



“  
**HEMANTH KUMAR G**

The programme is novel. It welcomes any graduate who are genuinely interested in Project Management with open arms. Emeritus and IIT Delhi have taken electronic learning to the next level.

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“

**TANGIRALA VISWANATH**

The sessions from Prof. Ravi Shankar were excellent. Their each and every slide has something or the other to learn. It helped me to present multiple topics to teams in the SADC region while I was on a quarterly visit. The biggest victory was about Stakeholders Management and Scope Management. This is where most of the projects we have, are getting impacted leading to delays and cost overruns.



”

“

**PULKIT KR. DOHAN**

Best part of the course is the guru mantras by professor Ravi Shankar which acts like a Chanakya Niti to survive in any kind of job or at any place. In addition to these, all lectures are immersive and engaging, interesting and interacting.

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# 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.

Programme Code: \_\_\_\_\_

  **Indian Institute of Technology Delhi**   
HAUZ KHAS, NEW DELHI- 110016

Department/Centre/School of .....

**Continuing Education Programme**  
**On**  
**Title of the Programme**

This is to certify that

Mr./Ms. Name Of The Participant

has successfully completed the online certificate programme on "Title of the Programme" held from \_\_\_\_\_ to \_\_\_\_\_ by the Indian Institute of Technology Delhi.

Prof. \_\_\_\_\_  
Programme Coordinator

Prof. \_\_\_\_\_  
Head of the Department

Prof. \_\_\_\_\_  
Head/Associate Head, QIP/CEP

An initiative under eVIDYA@IITD (@f-@img@iitd)



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Department/Centre/School of .....

**Continuing Education Programme**  
**On**  
**Title of the Programme**

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Mr./Ms. Name Of The Participant

has participated in the online certificate programme on "Title of the Programme" held from \_\_\_\_\_ to \_\_\_\_\_ by the Indian Institute of Technology Delhi.

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Programme Coordinator

Prof. \_\_\_\_\_  
Head of the Department

Prof. \_\_\_\_\_  
Head/Associate Head, QIP/CEP

An initiative under eVIDYA@IITD (@f-@img@iitd)



*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**.*



# PROGRAMME DETAILS

## Programme Schedule

**Duration** 6 Months

**Academic Start Date** Saturday, Feb 17, 2024

**Live Online Sessions** 3 hours\*/ Saturday 3:30 PM to 6:30 PM

\*A few sessions may start at 2:30 PM for discussing the industry insights, case studies and addressing the participant's doubts.

## Eligibility

Graduates (10+2+3) from a recognized university (UGC/AICTE/DEC/AIU/State Government/recognised international universities) in any discipline. Diploma in any branch of Engineering.

Note:

- Minimum eligibility criteria is not a guarantee for offer letter.

## 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 85,000 + GST

	<b>Instalment 1</b>	<b>Instalment 2</b>	<b>Instalment 3</b>
<b>Remarks</b>	Immediate	Immediate	Apr 02, 2024
<b>Amount</b>	INR 17,000 + GST	INR 34,000 + GST	INR 34,000 + 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.
- Loan and EMI services are provided by Eruditus Learning Solutions Pte Ltd, and IIT Delhi is not responsible for the same.

<b>Last Date to Apply</b>	February 05, 2024
<b>Shortlisted Candidates Will Be Informed by</b>	February 09, 2024
<b>Last Date to Submit the Fee</b>	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.**

\* 6 month duration is counted from the academic start date i.e. (February 17, 2024) and the same date will also be mentioned on the certificate as the starting date of the programme. The mentioned minimum eligibility criteria is not a guaranteed for selection. Selection cut-off for this programme can be altered on the discretion of IIT Delhi.

# APPLICATION REQUIREMENTS

## **Graduation and Post-Graduation Education:**

- Consolidated Graduation Marksheet (All Semester)
- Final year students may submit the marksheets up to the previous semester

## **ID Proof:**

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

# APPLICATION REQUIREMENTS

This programme includes online learning classes conducted on Zoom. To attend an online learning 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 online learning classes. Zoom works on a variety of PCs/ Laptops/ Mac systems and also on phones and tablets.

You can join your online learning 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](http://www.iitd.ac.in)

## ABOUT CONTINUING EDUCATION PROGRAMME (CEP)

Executive Education is a vital need for the organisations 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>



**LIMITED SEATS**

**APPLY NOW**

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For registration and any other information,  
please get in touch with us at [iitd.execed@emeritus.org](mailto:iitd.execed@emeritus.org)

For any feedback, please write to CEP IIT Delhi  
at [contactcep@admin.iitd.ac.in](mailto:contactcep@admin.iitd.ac.in)

 WhatsApp an Advisor On [+91 86570 38243\\*](tel:+918657038243)

\*This number does not accept any calls. Please message your queries.



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**