



भारतीय प्रौद्योगिकी संस्थान दिल्ली  
Indian Institute of Technology Delhi  
NIRF Rank 4 in Management Category 2025



**Batch 3**

# Executive Management Programme in Supply Chain & Operations Analytics

8 Months | Live Online | AI Embedded Curriculum



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

## → PROGRAMME OVERVIEW

As one of the leading educational institutions in India, IIT Delhi brings you an exceptional opportunity to master the art and science of supply chain & operations analytics. Executive Management Programme in Supply Chain & Operations Analytics is meticulously designed to equip professionals with cutting-edge knowledge and practical skills essential for optimizing supply chain and operations processes. This comprehensive programme delves into advanced analytical techniques, strategic decision-making, and the latest technological advancements, ensuring participants are well-prepared to tackle complex challenges in the dynamic global market. Join us and embark on a transformative journey that will elevate your capabilities to new heights.

## → FEES

**₹1,40,000 + GST (No Cost EMI & Installment Options Available)**

\* No-cost EMI is offered by the empanelled service provider TeamLease EdTech. IIT Delhi is not responsible for the same.

## → WHO IS THIS PROGRAMME FOR?

**Business Managers and Executives:** Those who are responsible for making strategic decisions and seeking to enhance their understanding of supply chain analytics to drive efficiency and competitiveness.

**Consultants and Analysts:** Professionals providing consultancy services or performing data analysis in supply chain and operations domains, looking to deepen their expertise and offer more value to their clients.

**Entrepreneurs and Business Owners:** Individuals who manage businesses with significant supply chain and operational components and aim to implement best practices and innovative solutions.

**Technical and Engineering Professionals:** Engineers and technical experts who wish to transition into management roles or augment their technical knowledge with strategic and analytical skills in supply chain and operations.

## PROGRAMME DETAILS

Eligibility	Any Graduate
Duration	125+ hrs   8 Months
Delivery	Live Online Sessions
Schedule Application	09:30 am - 12:30 pm Sundays
Closure Date	25th April 2026
Commencement Date	28th June 2026
Admission Criteria	Selection based on application review



## → JOB FUNCTIONS YOU MAY EXPLORE

- Supply Chain Manager
- Logistics Manager
- Demand Planning Analyst
- Production Planner
- Supply Chain Consultant
- Operations Manager
- Inventory Control Manager
- Procurement Manager
- Business Analyst
- Process Improvement Manager

## → PROGRAMME HIGHLIGHTS



**Comprehensive Curriculum:** The programme covers a wide range of topics, including demand forecasting, inventory management, logistics, and supply chain strategy, providing a holistic understanding of the field.



**Expert Faculty and Industry Leaders:** Participants will learn from renowned IIT Delhi faculty and experienced industry professionals, gaining insights from both academic and real-world perspectives.



**Networking Opportunities:** The programme facilitates interactions with peers, alumni, and industry leaders, fostering valuable connections and potential collaborations within the supply chain and operations community.



**Flexible Learning Format:** Designed for working professionals, the programme offers a blend of online and in-person sessions, ensuring a flexible and convenient learning experience without compromising on the quality of education.



**\*e-Certificate of successful completion from CEP, IIT Delhi:**

- Candidates who score at least 60% marks overall and have a minimum attendance of 50%, will receive a 'Certificate of Completion'.
- Candidates who have a minimum attendance of 50% will receive a 'Certificate of Participation'.



**Generative & Agentic AI for Supply Chain:**

Participants explore AI applications in forecasting, risk management, and logistics optimization through practical lab sessions and AI-driven capstone projects using realistic supply chain datasets.

**Note:**

- The organising department for this programme is the Department of Management Studies, IIT Delhi.
- Only e-Certificates will be issued by CEP, IIT Delhi for this programme.

## → LEARNING OUTCOMES



**Strategic Decision-Making:** Develop the ability to make data-driven, strategic decisions that enhance supply chain efficiency, reduce costs, and improve overall operational performance.



**Advanced Analytical Skills:** Gain proficiency in using advanced analytical tools and techniques for demand forecasting, inventory management, logistics optimization, and process improvement.



**Comprehensive Knowledge:** Acquire a deep understanding of supply chain and operations management principles, including the latest industry trends and technological advancements.



**Problem-Solving Capabilities:** Enhance critical thinking and problem-solving skills to effectively tackle complex supply chain and operations challenges in a dynamic global environment.



**Leadership and Innovation:** Build leadership skills and an innovative mindset to drive operational excellence and implement best practices within your organization.

# → PROGRAMME MODULES

## **Module 1: Supply Chain Management and Strategy**

- ▶ Overview of Principles
- ▶ Strategic Frameworks
- ▶ Aligning Strategy with Goals
- ▶ Supply Chain Drivers and Metrics
- ▶ Measuring Performance

## **Module 2: Generative AI & Agentic AI for Supply Chain Management**

- ▶ AI tools for actionable supply chain insights.
- ▶ Practical AI lab sessions with realistic SCM datasets.
- ▶ AI Driven assignment and capstone

## **Module 3: Demand Forecasting and Planning**

- ▶ Quantitative Forecasting Techniques
- ▶ Forecasting Applications
- ▶ Aggregate Planning
- ▶ Predictive Analytics
- ▶ Time Series Analysis

## **Module 4: Inventory Management Techniques**

- ▶ Long Life Cycle Products
- ▶ Trade Promotions
- ▶ Uncertainty and Stochastic Demand
- ▶ Short Life Cycle Products
- ▶ Descriptive and Prescriptive Analytics

## **Module 5: Coordination and Anomalies in Supply Chains**

- ▶ Channel Coordination Contracts
- ▶ Bullwhip Effect
- ▶ Double Marginalization
- ▶ Beer Game Simulation
- ▶ Identifying Anomalies

## **Module 6: Transportation and Logistics Operations**

- ▶ Logistics Operations Management
- ▶ Transportation Network Modes
- ▶ Vehicle Routing Decisions
- ▶ Network Design
- ▶ Prescriptive Analytics Optimization

## **Module 7: Network Design and Optimization**

- ▶ Designing Distribution Networks
- ▶ Network Design Frameworks
- ▶ Uncertain Environment Design
- ▶ Predictive Analytics
- ▶ Prescriptive Analytics

## **Module 8: Sourcing and Procurement Strategies**

- ▶ Supplier Selection
- ▶ Make Vs Buy Decisions
- ▶ Optimal Procurement Policies
- ▶ Global Sourcing
- ▶ Negotiation Strategies

## **Module 9: Supply Chain Disruption and Resilience**

- ▶ Understanding Disruptions
- ▶ Managing Disruptions
- ▶ Enhancing Resilience
- ▶ Building Resilience in Design
- ▶ Predictive and Prescriptive Analytics

## **Module 10: Financial and Costing Decisions**

- ▶ Costing Decisions
- ▶ Pricing Analytics
- ▶ Revenue Management
- ▶ Descriptive Analytics
- ▶ Cost Analysis

## **Module 11: Technology and Innovation in Supply Chain**

- ▶ Digital Transformation
- ▶ Emerging Technologies (AI, IoT, Blockchain)
- ▶ Blockchain Implementation
- ▶ Cognitive Analytics
- ▶ Intelligent Decision-Making

## **Module 12: Sustainability, Ethics, and Leadership**

- ▶ Sustainable Supply Chains
- ▶ Environmental Impact Assessment
- ▶ Ethical Sourcing
- ▶ Leadership Principles
- ▶ Stakeholder Management

Modules/ topics are indicative only, and the suggested time and sequence may be dropped/ modified, or adapted to fit the total programme hours.

### **Capstone Project and Case Studies**

- Capstone Presentation
- Real-World Case Studies
- Review and Feedback
- Practical Applications
- Industry Insights

### **Additional Components**

- Hands-on Sessions
- Guest Lectures
- Periodic Assessments
- Quizzes
- Capstone Project

**\*Projects are indicative only and may be modified at the discretion of the Programme Coordinator.**

## → INTRODUCTION TO INDUSTRY-STANDARD TOOLS



Advanced Excel with Solver



R Language



\*Tools are indicative only and may be modified at the discretion of the Programme Coordinator.

## → AI ENHANCEMENT IN SUPPLY CHAINS & OPERATIONS



Gen. & Agentic AI Application  
in Logistics & Analytics



Real-world AI use cases  
in Capstone project



AI for Forecasting  
& Risk



Logistics Excellence  
with AI



Hands-on AI with  
SCM Data

# → PROGRAMME e-CERTIFICATE



- Candidates who score at least 60% marks overall and have a minimum attendance of 50%, will receive a 'Certificate of Completion'.
- Candidates who have a minimum attendance of 50% will receive a 'Certificate of Participation'.
- The organising department for this programme is the Department of Management Studies, IIT Delhi.

**\*Only e-Certificates will be issued by CEP, IIT Delhi for this programme.**



## → PROGRAMME FEE

Particulars	Amount (₹)
Programme Fees	₹1,40,000 + GST
GST @ 18%	₹ 25,200
<b>Total Fees</b>	<b>₹ 1,65,200</b>

### Note:

- All fees should be submitted in the IITD CEP account only, and the details will be shared post-selection.
- The receipt will be issued by the IIT Delhi CEP account for your records, which can be downloaded from the CEP Portal.
- Easy EMI options available.
- Loan and EMI Options are services offered by Teamlease Edtech. IIT Delhi is not responsible for the same.

## → WITHDRAWAL & REFUND FROM PROGRAMME

- Candidates can withdraw within 15 days from the programme start date. A total of 80% of the total fee received will be refunded. However, the applicable tax amount paid will not be refunded on the paid amount.
- Candidates withdrawing after 15 days from the start of the programme session will not be eligible for any refund.
- If you wish to withdraw from the programme, you must email [cepaccounts@admin.iitd.ac.in](mailto:cepaccounts@admin.iitd.ac.in) and [cepdelhi@digiversity.com](mailto:cepdelhi@digiversity.com), stating your intent to withdraw. The refund, if applicable, will be processed within 30 working days from the date of receiving the withdrawal request.

## PAYMENT SCHEDULE

Installment	Installment Date	Amount (₹)
I	Within 3 days of offer release	₹ 70,000+GST
II	25th May 2026	₹ 70,000+GST
Total fees - ₹ 1,40,000+GST		

### Note:

- GST @18% will be charged extra in addition to the fee.
- Loan and EMI Options are services offered by Teamlease Edtech. IIT Delhi is not responsible for the same.

## PROGRAMME TIMELINES

Application Closure Date	25th April 2026
Commencement Date	28th June 2026

**APPLY NOW**

# PROGRAMME COORDINATOR

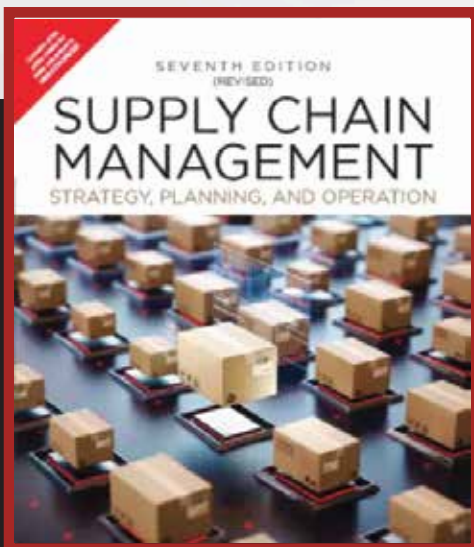


## PROF. GOURAV DWIVEDI

Associate Professor

DEPARTMENT OF MANAGEMENT STUDIES, IIT DELHI

Prof. Gourav Dwivedi is a faculty of Operations & Supply Chain Management at the Indian Institute of Technology Delhi. With over a decade of experience spanning both academia and industry, Prof. Dwivedi brings a unique blend of theoretical knowledge and practical insights to the classroom. His expertise covers a wide range of critical areas in supply chain management, including distributed manufacturing, logistics modelling, Industry 4.0 technologies, behavioural operations, and business sustainability. Prof. Dwivedi actively collaborates with industry partners and government organisations on projects that have a tangible impact on operational efficiency, sustainability, and social development. As an educator, Prof. Dwivedi is deeply committed to nurturing the next generation of supply chain leaders. He has designed and delivered numerous executive education programmes, workshops, and courses, covering topics such as supply chain management, analytics, project management, and entrepreneurship development. His teaching is characterized by a focus on practical applications and real-world case studies, ensuring that participants gain the skills and knowledge they need to excel in their careers. He has published his research in leading international journals and presented at international conferences. He is also the co-author of the Indian subcontinent adaptation of "Supply Chain Management: Strategy, Planning, and Operation," a leading SCM textbook globally.



## SUPPLY CHAIN MANAGEMENT

STRATEGY, PLANNING, AND OPERATION

8th Edition by Pearson (Pearson Education, Sunil Chopra, Dharam Vir Kalra, Gourav Dwivedi)

## → A GLIMPSE INTO OUR LEARNER COMMUNITY

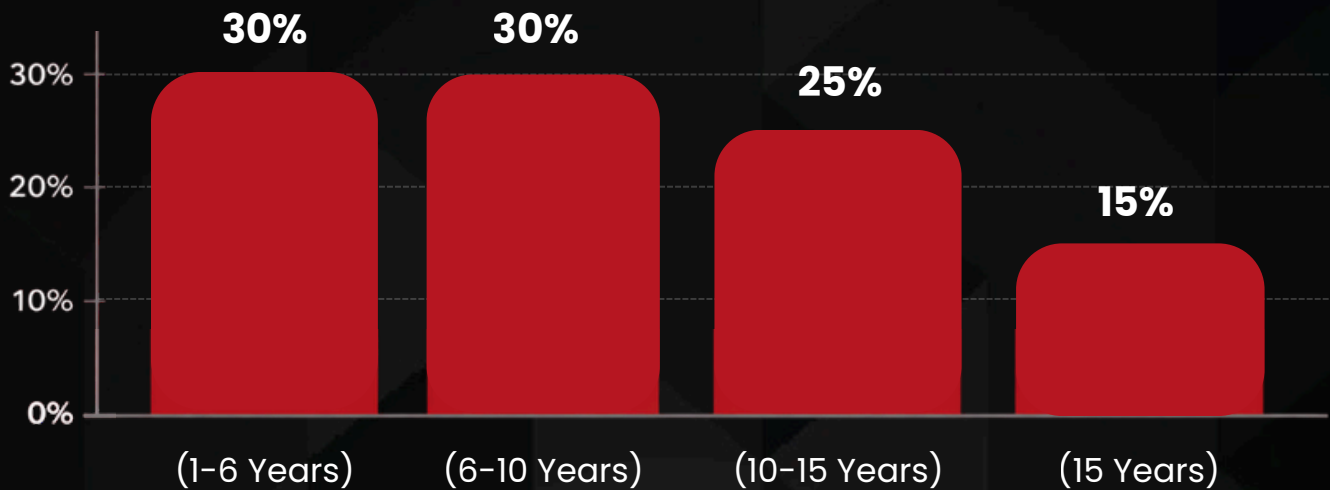
Across the first two cohorts, the programme has brought together a diverse network of professionals committed to advancing their expertise in sustainable and circular economy practices. Participants represent different industries, geographies, and career stages, creating a rich peer-learning environment where knowledge from multiple sectors

## → TRUSTED BY PROFESSIONALS ACROSS INDIA

Participants across the two cohorts represent a strong national footprint with professionals joining from **40+ cities and regional hubs across India**. The cohort includes professionals from both major metropolitan centres and emerging professional regions.



## EXPERIENCE THAT SPANS CAREER STAGES



## COMPANIES OUR LEARNERS WORK WITH

The Programme was chosen by professionals working with some of **India's leading organizations** across industries. Here's a snapshot of where our learners are making an impact:

A snapshot of organisations represented across the cohorts includes:

- Accenture
- Adani Transmission
- AG Polypacks
- Airbnb
- Air India
- Angelique International
- Applied Materials
- Asian Paints
- Aviasafe Aviation
- Axis Bank
- Barco Electronic Systems
- Battery Smart
- DB Schenker
- ElasticRun
- Flipkart
- Google
- ICICI Bank
- Johnson & Johnson
- Larsen & Toubro Defence
- Power Mech Projects
- Saint-Gobain
- TeamLease
- Turbo-Technologies
- Virtusa
- Walkaro

## ARE YOU READY TO INVEST IN YOUR GROWTH?

Be part of the next batch and take your career forward with a programme professionals across India trust.

[APPLY NOW](#)

## → APPLICATION REQUIREMENTS

### **Graduation:**

- 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

## → SYSTEM 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.

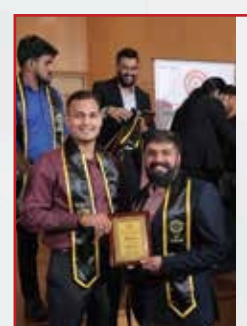
You can join your online learning class from a phone or tablet if it supports the Zoom client.

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

# ➔ BATCH 2 - LOGISTICS CONCLAVE & **CAMPUS IMMERSION**



# → CAMPUS IMMERSION HIGHLIGHTS





## ➔ 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. NIRF Rank 4 in Management Category 2025. IIT Delhi ranked as the top Indian institution in the QS World University Rankings 2026, placed at 123rd position globally. Since its inception, over 40,000 students 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: <https://home.iitd.ac.in/>

## ➔ ABOUT CONTINUING EDUCATION PROGRAMME (CEP)

**The statutory body of IIT Delhi for offering certificate programmes and issuing certificates.**


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 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>







Service provided by



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**Mayank Sood**  
Head - Admission

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

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