



IIM NAGPUR

भारतीय प्रबंध संस्थान नागपुर  
Indian Institute of Management Nagpur

Batch  
02

Revolutionize Supply Chain with 360° Approach

Post Graduate Certificate Programme in  
**Supply Chain Operations  
& Analytics (SCOA)**

Designed by IIM Nagpur



Marketing Partner

jaro education

## Director's Message



### Dr. Bhimaraya Metri

Director,  
Indian Institute of Management Nagpur

I take pleasure in welcoming you to IIM Nagpur (IIMN). IIMN was established in 2015 as the first of the third generation IIMs, by the Ministry of Education, Govt. of India at the orange city Nagpur which is equidistant (in terms of travel time by air) from major metropolises – Delhi, Chennai, Kolkata, Mumbai. It is a thriving and fastest-growing city that stands positioned as the logistics capital of India, providing fertile ground for business ventures.

The striking feature of IIMN's state-of-the-art new campus, spread over 132 acres, is its location in the heart of the industrial hub within the country's first Multi-product Special Economic Zone at MIHAN, adjacent to Dr. Babasaheb Ambedkar International Airport, Nagpur. Thus, IIMN enjoys a natural advantage of being near to industry, enabling greater connections and partnerships with businesses across the sectors in SEZ and MIDCs. IIMN's unwavering focus on pioneering exceptional industry partnerships to lead the way in providing real-world experiences prepares our management graduates for life by bringing 'corporate into classrooms' to produce relevant talent for the corporate world.





Global supply chain analytics market was valued at **USD 6.12 billion in 2022** and is anticipated to expand at a **CAGR of 17.8% from 2023 to 2030.**

\*Grand View Research

**79% of CSCOs** are developing training to drive adoption of advanced analytics.

\*Gartner's study



# Top 5 Highest Paying Jobs in Supply Chain Industry

Supply Chain Director  
**INR 42.0 lakhs per year**

Associate Director Supply Chain  
**INR 39.0 lakhs per year**

General Manager Supply Chain Management  
**INR 35.0 lakhs per year**

Lead Supply Chain Analyst  
**INR 20.0 lakhs per year**

Senior Supply Chain Analyst  
**INR 17.0 lakhs per year**

Supply Chain Analyst  
**INR 14.0 lakhs per year**



\*6figr.com

## Overview

The supply chain industry continues to grow, raising a pressing need for professionals who can navigate the complexities of the sector and implement data-driven solutions to enhance operations. The growth of e-commerce, globalisation, and the increasing use of technology in supply chain management has made it essential for organisations to have professionals who can analyse complex data and make informed decisions to improve operations. The role of supply chain professionals is expanding beyond traditional logistics and transportation to include analytics, sustainability, and risk management. As a result, professionals with expertise in supply chain operations and analytics are in high demand to help organisations optimise their supply chains and drive growth.

Acquire the skills and expertise needed to enhance your supply chain data strategy through the renowned IIM Nagpur Post Graduate Certificate Programme in Supply Chain Operations & Analytics, enabling you to evolve and refine your core competencies. This interdisciplinary programme is suited for aspiring professionals looking to enter the dynamic supply chain sector, as well as current practitioners in manufacturing, services, or logistics. Through a holistic pedagogy and resources, participants will acquire a deeper understanding of the intricacies of operations and analytics. This programme offers a great opportunity for career advancement in chain management and operations. By refining core competencies, participants will be well-equipped to contribute to their organisations' success and drive innovation in the dynamic supply chain sector.



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# Programme Highlights



Executive Alumni  
Status- IIM Nagpur



Certificate of  
Completion from  
IIM Nagpur



Real-life and  
Industry-focused  
Case Studies



Live classes by  
highly experienced  
faculty



3 Days of  
Campus  
Immersion



Capstone  
Project

## Pedagogy



## Key Learning Objectives

- Appreciate key managerial aspects of a Supply Chain and its role in organizational performance.
- Understand the KPIs of the supply chain and the factors impacting them.
- Develop skills to analyse and appropriately address supply chain efficiency and responsiveness issues.
- Understand coordination and sourcing issues in Supply Chain.
- Equip participants to address real-life supply chain problems using analytics.
- Enable participants to maneuver through challenges in a futuristic supply chain.



# Programme Content

- ◆ **Fundamentals of Operations Management & Process Analysis**
  - Process Flow Analysis
  - Bottleneck
  - Product Process Matrix
- ◆ **Supply Chain Management & Strategies**
  - Alignment of Supply Chain with Organisational Strategy
  - Efficient & Responsive Supply Chain
  - Agile Supply Chain
- ◆ **Inventory Management**
  - Economic Order Quantity (EOQ)
  - Continuous & Periodic Review
  - Newsvendor Model
- ◆ **Quality Management & Process Control**
  - X-bar, R, P, C Charts
  - Process Capability
- ◆ **Quantitative Techniques for OM/SCM**
  - Linear Programming Problems (LPP)
  - Operation Research (OR)
  - Facility Location Decision
- ◆ **Supply Chain Design & Management**
  - SCM Coordination
  - Beer Game
- ◆ **Analytics in Operations & Supply Chain and Management Sciences**
  - Correlation
  - Coefficient of Variation (COV)
  - Hypothesis Testing
  - Sample vs Population
  - ANOVA
  - Regression
- ◆ **Lean Operations Management & Six Sigma**
  - Lean
  - Quality
  - Six Sigma
  - Total quality management (TQM)
  - Total Productive Maintenance (TPM)





# Programme Content

## ◆ Project Management: Concepts & Tools

- Transformation as a Project
- WBS (Work Breakdown Structure)
- Levelling
- Crashing
- Tracking

## ◆ Services Operations Management

- Continuum
- Bundle
- SDL
- Encounter
- Service Blueprinting
- Logistics as Service

## ◆ Planning & Scheduling

- Aggregate Production Planning
- Material Resource Planning

## ◆ Forecasting Demand

- Basics on Demand Forecasting
- Holt-Winter Model

## ◆ Supplier Relationship Management

- Risk
- Disruption
- Sources of Disruption
- Multi-sourcing

## ◆ Transportation & Logistics Management

- Transportation
- Vehicle Routing
- Choice of the Mode of Transportation

## ◆ Emerging Trends & Technologies (Post Pandemic Era)

- Digital Twin
- 3D Printing
- Predictive Maintenance
- Global vs Local Supply Chains

## ◆ Industry 4.0

- Transformation
- Challenges
- Performance Improvement

## ◆ Capstone Project



Note: This is an indicative list of course topics and is subject to change as per IIM Nagpur discretion.

## Programme Details

<b>Duration</b>	<ul style="list-style-type: none"><li>• 12 Months</li></ul>
<b>Delivery</b>	<ul style="list-style-type: none"><li>• Direct to Device (D2D) with Campus Immersion</li></ul>
<b>Campus Immersion</b>	<ul style="list-style-type: none"><li>• 3 days mandatory visit at the end of the programme for project presentations and Valediction.</li></ul>
<b>Chamber Consulting</b>	<ul style="list-style-type: none"><li>• Only to be mentioned as per course – subjective to faculty's discretion &amp; availability.</li></ul>
<b>Session Timings</b>	<ul style="list-style-type: none"><li>• <b>Frequency:</b> 2 sessions on Sundays<ul style="list-style-type: none"><li>• Session-1: 6:00 pm to 7:30 pm</li><li>• Session-2: 7:45 pm to 9:15 pm</li></ul></li><li>• <b>Application Closure:</b> 8<sup>th</sup> December, 2024</li><li>• <b>Commencement Date:</b> 14<sup>th</sup> December, 2024</li></ul>

## Eligibility Criteria

- ▶ Bachelor's Degree (any specialization) or Diploma (10+2+3 acceptable) with a minimum of 50% marks required.
- ▶ Minimum 2 years of work experience.

## Admission Criteria

To be admitted, candidates must meet the admission criteria.

- ▶ Corporate nominations are also accepted.
- ▶ Self-sponsored individuals may apply as well.
- ▶ The application process requires submitting credentials.

## Programme Fee Details

Fee Structure	
Application Fee	Total Fee (excluding application fee)
INR 2,360/-	INR 2,50,000/-

- The total fee is exclusive of GST.
- The application fee is inclusive of 18% GST.

Instalment Pattern		
Particulars	Amount	Payment Schedule
Instalment 1	INR 80,000/- + GST	As mentioned in the offer letter
Instalment 2	INR 85,000/- + GST	15 <sup>th</sup> March, 2025
Instalment 3	INR 85000/- + GST	15 <sup>th</sup> June, 2025

Easy EMI Options Available



# Certification

- For participants who meet the prerequisite and successfully complete the programme will be awarded "Post Graduate Certificate Programme in Supply Chain Operations & Analytics" by IIM Nagpur.
- Participants will also be accorded IIM Nagpur's alumni status.



## Programme Directors



**Prof. Prakash Awasthy**

Prof. Awasthy is a faculty member in the Production and Operations Management area at IIM Nagpur. Earlier, he worked with the Centre for Digital Financial Inclusion as an Associate Programme Manager. He has completed FPM in Production and Operations Management from IIM-Bangalore and a Master's in Electrical Engineering from IIT Kanpur. His teaching interests include Operations Management, Supply Chain Management, and Service Operations. His research interests are Sustainable and Humanitarian Operations Management, Service Operations and Market Interface, etc.



**Prof. Papi Reddy**

Prof. Papi Reddy is a faculty in Production and Operations area. Before joining IIM Nagpur, he was involved in designing and developing AI/ML based solutions at the R&D division of Mphasis Ltd, known as NextLabs. Prior to his doctoral studies, he was working with HPCL in their Aviation Services Facility, Chennai.

## IIM Nagpur at a Glance

Established in 2015, the Indian Institute of Management Nagpur (IIMN) aspires to be a leading management institution that shapes management systems, policy and governance through high-quality education, research and industry engagement. Propelled by the pursuit of engaged scholarship, the Institute aims to create value-driven leaders and global managers with strong conceptual foundations and analytical approaches, which helps them excel in diverse spheres – be it management, business, policymaking, and public administration, to name a few.

IIM Nagpur aims to address the needs of a modern India; connecting aspirations and realities to attain benchmarks that are respected internationally. Our motto, सत्यं च स्वाध्यायप्रवचने च, that is, an inspiring journey towards truth through individual reflection and collective discourse, propels our quest to bridge the gap between abstract knowledge and practice.

IIM Nagpur seeks to distinguish itself as an institution that promotes constant industry engagement of a 'problem-solving' nature. Executive Education, therefore, is an important thrust area for the Institute. With an array of programmes designed by a faculty body with a stellar record of research, teaching and industry engagement, the Executive Education programme at IIM Nagpur equips managers and executives with the capabilities to perform effectively in their current roles and take up greater challenges through various stages of their careers.



# Career Assistance



## Resume Building

Our service comprises the meticulous creation and refinement of resumes, aligning them with corporate standards to ensure they reflect your skills and achievements. Through expert resume optimization, we enhance your professional narrative and craft an ATS-friendly resume to stand out in a competitive landscape.



## LinkedIn Profile Optimization

We offer tailored suggestions for elevating your LinkedIn profile, strategically designed to maximize visibility and foster meaningful connections with industry leaders. Our approach ensures that your online presence resonates with the professionalism and expertise that defines your career trajectory.



## Career Enhancement Sessions

Our exclusive Jaro Connect platform provides corporate engagements with access to immersive bootcamps and masterclasses on the latest industry trends, led by esteemed experts. This empowers the participants to stay abreast of evolving market dynamics while honing their professional competencies, ensuring they thrive in today's fast-paced business environment.

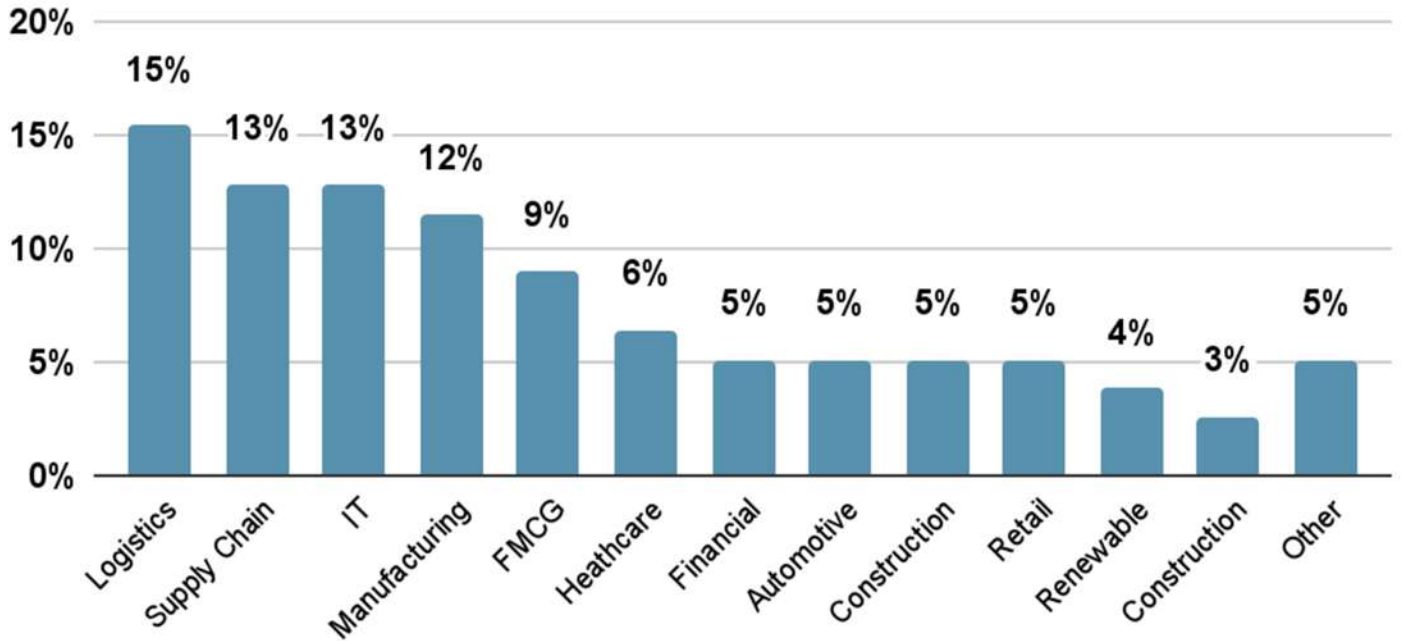
**Note:**  
IIM Nagpur or Jaro Education do not guarantee or promise you a job or advancement in your existing position. Career services is simply provided as a service to help you manage your career in a proactive manner. Jaro Education provides the career services described here. IIM Nagpur is not involved in any way with the career services described above and offer no commitments.



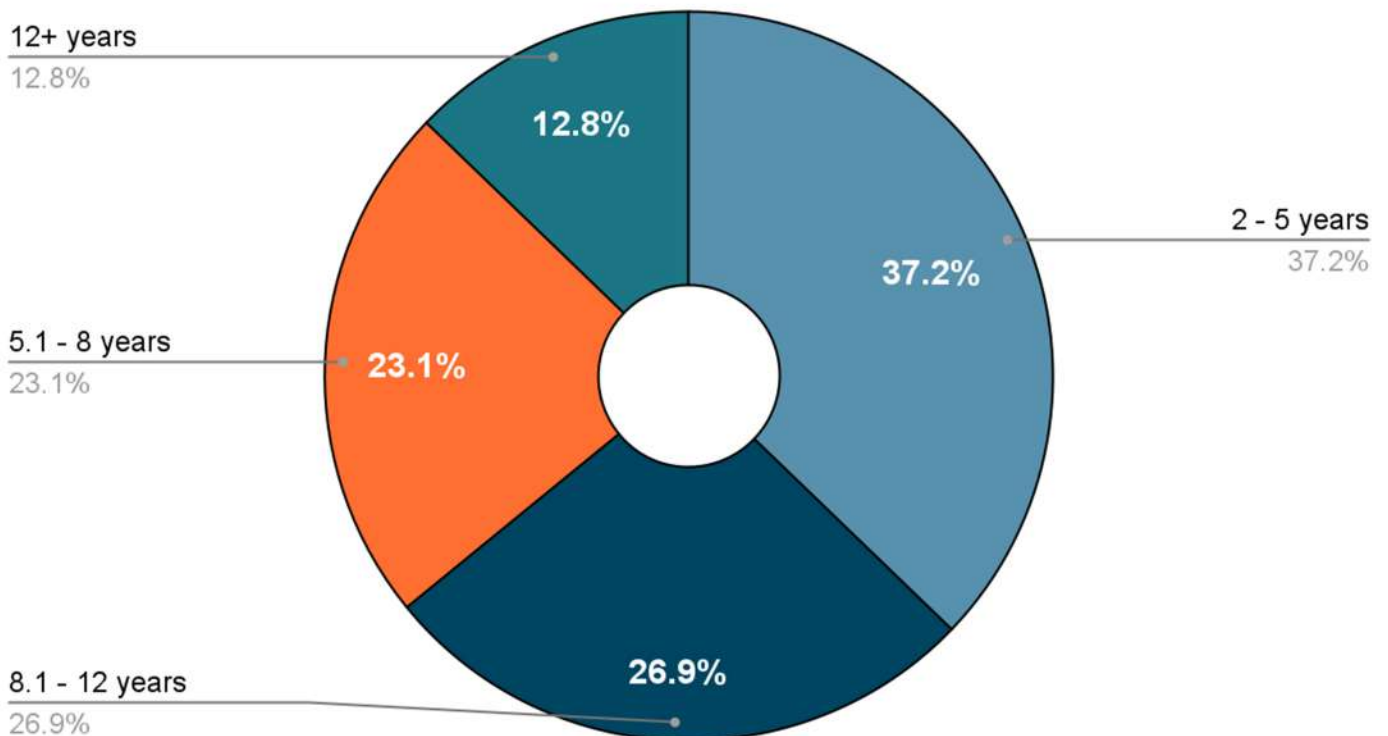
S U C C E S S

## Recent Batch Analysis

### Industry Profile of Professionals



### Past Experience of Professionals





## Recent Batch Analysis

### Top Companies Where Our Alumni are Working:



### Top Profiles of Our Alumni:



Operations and  
logistics head



Chief  
Manager



Manager - Quality  
Assurance



Vice President  
Operations



Manager Warehouse  
& Logistics



Lead Business  
Analyst

#### Note:-

- Past performance records do not guarantee any future opportunities.
- All company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them.
- The list is partial.

# About Jaro Education

**3,50,000+**  
Career Transformed

**150+**  
Programs from  
Diverse Domains

**30+**  
World's Leading  
Academic Partners

**23+**  
Learning Centres across  
India, USA & Singapore

**20+**  
Top NIRF Ranked Indian  
Institutes & Universities

**10+**  
Top QS Ranked Global  
Institutes & Universities



e-India Awards

The Best ICT Enabled  
Higher Education  
Institute Award



Educational  
Excellence Awards

Most Innovation &  
Successful online MBA  
Program in India



MODI Awards

Outstanding  
Contribution in Online  
Education



ABP Education  
Awards

Best Digital Learning  
Innovation Award



World HRD  
Congress

National Best  
Employer Accolade



World HRD  
Congress

Edtech Leadership  
Awards

OUTLOOK BUSINESS



Outlook Business Icon  
Awards 2023

India's Most Trusted  
Online Higher Education Company



The Business  
Awards 2024

Leading Edtech Company  
of the Year

Jaro Education is an online higher education company that specialises in executive education, serving as a liaison between the world's leading universities and institutes to create online and technology-driven programmes. The company provides a quality bucket of online executive education programmes catering to domains such as Doctorate & Ph.D., Analytics & Data Science, Management, Finance, etc., from renowned national and international institutions to meet the needs of working professionals. Our goal is to foster the growth of entrepreneurs and professionals at all levels, from entry-level to C-Suite, through world-class executive education programmes.

## JARO EDUCATION'S PRESENCE

Ahmedabad | Bangalore | Chennai | Delhi/NCR | Lucknow | Chandigarh  
Hyderabad | Jaipur | Kolkata | Mumbai | Nagpur | Pune



# CONNECT

*With Us*

**Executive Education Office, IIM Nagpur**

**Dr. Sapan Kumar Singh**

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**Our Admission Representative**

**Mr. Mrinal Modak**

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