



भारतीय प्रबंध संस्थान कोषिककोड  
Indian Institute of Management Kozhikode  
*Globalizing Indian Thought*



NIRF India Rankings,  
(Management)  
2024



70<sup>th</sup> in Global, Financial  
Times Open Enrolment  
Rankings 2024



151+ Rank, QS World University  
Rankings by Subject 2024:  
Business & Management Studies



Batch  
**04**

Advanced Certificate Programme in  
**Smart Supply Chain Management  
& Transformation**

**IIM Kozhikode**

Marketing Partner  
**jaro education**



# From the Director's Desk

In response to the growing demand for professionals skilled in transforming supply chain operations into valuable business insights in today's disruptive world, the Indian Institute of Management Kozhikode (IIMK) has thoughtfully designed the Advanced Certificate Programme in Smart Supply Chain Management & Transformation. This programme, crafted by IIMK's world-class faculty, combines cutting-edge thought leadership with industry-leading insights, empowering participants to confidently tackle complex business challenges with data-driven, informed decision-making. Our growing global footprints acknowledged and accredited by leading institutions of the world are a testimony to the growth we have achieved in our nearly 28-year journey of academic excellence.

At this juncture, it is also pertinent to share that both the future and past are integral to the path taken by an institution on this journey of excellence. Having a wide, far-seeing vision is not an indulgence but an activity that is necessary to give meaning to our present and to give this Institution a sense of purpose, direction and imagination. That is why we have chosen to think in terms of what IIM Kozhikode will be able to contribute to India and the world some three decades from now with 'Vision 2047: Globalizing Indian Thought'. The Institute has set for itself a pre-eminent role with the above motto. The sheer scale, scope and potential impact that India will have on 21st-century business makes us believe that this is a legitimate aspiration.

Achieve the perfect synergy of advanced expertise and practical insights through the Advanced Certificate Programme in Smart Supply Chain Management & Transformation by IIM Kozhikode—where innovation meets opportunity for a brighter future.



**Prof. Debashis Chatterjee**

Director,  
Indian Institute of Management Kozhikode





# Industry Insights



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The Digital Supply Chain Market size was valued at **USD 5.4 billion** in 2023 and is predicted to reach **USD 12.8 billion** by 2030 with a **CAGR of 13.0%** from 2024-2030.

\*Next Move Strategy Consulting

**93%** of companies say they are actively engaged in the process of digitizing their supply chain.

\*Manutan

**81%** of supply chain professionals say analytics will be important in reducing landed costs.

\*Invesp

**79%** of companies with high-performing supply chains achieve revenue growth greater than the average within their industries.

\*Invesp

**30%** of supply chain leaders highlighted the need to respond to customer mandates for faster, more accurate and unique fulfillment as a top business priority moving forward.

\*Invesp

Decision-makers are planning to increase their investment in supply chain digitalization by **16.5%** over the next two years.

\*Manutan

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# Programme Overview

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The supply chain industry is brimming with data-rich opportunities. Elevate your career in this competitive market by mastering supply chain management. The IIM Kozhikode – Advanced Certificate Programme in Smart Supply Chain Management & Transformation provides a comprehensive foundation in SCM concepts and equips participants with essential tools and techniques such as descriptive, diagnostic, predictive, prescriptive, and cognitive analytics. This programme covers the traditional supply chain process—planning, sourcing, production, warehousing, distribution, sales, and sustainability—while addressing modern challenges. Participants will explore digital transformation, supply chain sustainability, and the impact of analytics on ROI, risk management, planning accuracy, and operational efficiency. Designed for working executives, the curriculum integrates procurement, operations, and logistics management with a strategic focus on operational excellence. Delivered through online lectures, discussions, simulations, and case analyses, the programme empowers learners to streamline supply chains and deliver maximum customer value efficiently.





# Programme Highlights

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Executive Alumni Status



2 Campus Immersion Modules



Hands-on Analysis



Certificate of Completion



Industry-led Pedagogy



Course Designed and Taught  
by IIMK Faculty





# Learning Outcomes

- Understand complexities and challenges in managing global supply chain.
- Understand the importance of analytics for better decision-making in supply chain management resulting in improved financial / economic impact.
- Develop a digital supply chain management strategy that embeds the right technologies for your business.
- Lead organizational change and supply chain transformation.

## Pedagogy

- Lectures
- Hands-on Exercises
- Simulation
- Case Discussions
- Live Project





# Programme Content

## Fundamentals of SCM

- Introduction to SCM
- Supply Chain Structure
- SCM Processes & Decisions

## Demand Planning & Forecasting

- Introduction to Demand Forecasting & Forecasting Accuracy
- Forecasting: Time Series Methods And Causal Methods
- Demand & Planning: Matching Demand & Supply

## Supply Chain Modelling & Design

- Basic Overview of Optimisation
- Transportation Problem
- Designing Distribution Network

## Managing Inventory in Supply Chain and Supply Coordination

- Inventory Management Models: EOQ, Quantity Discount, Backorders
- Single Period Inventory Models, Continuous Review Models
- Risk Pooling in Supply Chain
- Bullwhip Effect and How to Manage it

## Supply Chain Integration and Distribution Strategies

- Direct Shipment, Cross Docking, Transshipment Etc.
- Postponement (Product and Process),
- Last Mile Delivery



## Logistics & Global Supply Chain Management

- Freight Transportation: Selection & its Impact on Inventory
- Warehousing: Design, Operations Heuristics, Material Handling
- Customs, Duties, Tariffs, Incoterms, Rules of Origin, Letter of Credit, Etc.
- International Transportation, Trading Blocks, Trade Zones, Bonded Warehouses
- Currency Fluctuations, Exchange Rate Risks, Transfer Pricing, Permanent Establishment

## Procurement and Sourcing Management

- Outsourcing Decision
- Sourcing Purchasing at Right Price
- Vendor Rating
- Types of Contracts
- Managing Channel Partner Distribution and Conflicts
- Supplier Relationship & Partnership

## Fundamentals of Data Analytics

- Introduction to Data And The Power Of Data
- Descriptive Statistics, Data Visualization and Advantages Illustration Through Examples
- Summarizing Data Through Measures of Central Tendencies
- Measures of Dispersions and Idea of Risk
- Measures of Associations
- Sampling and Inferential Statistics: Overview
- Introduction to Predictive Analytics and Regression

## Other Applications of Supply Chain Analytics

- Predicting Customer Preferences
- Pricing Analytics
- Demand Analytics - Demand Forecasting
- Procurement Analytics
- Production Analytics - Production Planning and Workforce Management
- Purchase Analytics - Order Management
- Predictive Maintenance of Equipment
- Cognitive Analytics







## Basic of Data Analytics Through R or Similar Tools (Focus on Application Only)

- Data Analytics: Exploring the Tool
- Big Data Analytics: Data Analytics I (Statistical Learning)
- Big Data Analytics: Data Analytics II (Machine Learning And Applications)
- Big Data Analytics: Prescriptive Analytics

## Digital Supply Chain Strategy and Transformation

- Digitizing vs Digitalizing in Supply Chains
- Digital Ecosystem and Omnichannel Revolution
- Digital SC Transformation Capabilities
- The Role of Technology and its Applications to Digital Supply Chains
- Digital SC Transformation Roadmap

## Predicting and Mitigating Risk in Supply Chain

- Tools and Methods to Identify Supply Chain Risk, Assess Risk and Management Risk
- Design Resilience in the Supply Chain

## Sustainable Supply Chain Management (SSCM)

- Concept of Triple -Bottom Line, Carbon Trading, Circular Economy
- Role of Cradle-to-Cradle Design, Sourcing, Packaging, Logistics in SSCM





# Programme Details



▶ Duration	• 10-12 Months*   120 to 150 Hours of Learning
▶ Delivery	• Direct-to-Device (D2D)
▶ Campus Visit	• Two Visits for 2 Days Each.

**PROGRAMME SCHEDULE: Sunday, 9:00 AM to 12:15 PM**



Application Closure Date | 31<sup>st</sup> March 2025

Commencement Date | 13<sup>th</sup> April 2025

## ELIGIBILITY CRITERIA

- ▶ Graduates (10+2+3) from a recognized university (UGC/AICTE/DEC/AIU/State Government/ recognized international universities) in any discipline and
- ▶ A minimum of 3 years of work experience after graduation.

## PROGRAMME FEE DETAILS

Application Fee - INR 2,000/- + GST

**Total Programme Fee**

(Excluding Application Fee)

**INR 2,81,000/- + GST**

### Instalment Pattern

**Booking Amount : INR 95,000/- + GST**  
3 days from the release of the offer letter

**Instalment 1 : INR 93,000/- + GST**  
15<sup>th</sup> July, 2025

**Instalment 2 : INR 93,000/- + GST**  
15<sup>th</sup> October, 2025

### Note:

Easy EMI Options Available\*

- The eMDP programmes are designed to deliver a comprehensive learning experience with a focus on the total number of instructional hours as per the programme structure. While the programme is typically planned over a specific duration, the actual duration may vary depending on the completion of the required instructional hours. This ensures that the quality and content of the programme remain intact, irrespective of the time taken for its completion.
- The 120 to 150 hours programme is designed to span 10 to 12 months.
- In case only the Valedictory function is attended, the expenses for it will be separate. These details will be communicated at a later stage, and participants will be required to pay these charges independently.



## ASSESSMENT AND EVALUATION

- ▶ The evaluation methodology is the discretion of the faculty. The methodology includes online quizzes, case analysis, class contribution, assignments, and any other component as decided by the faculty. 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.
- ▶ Participants who successfully complete the same and satisfy the requisite attendance criteria will be awarded a Certificate of Completion. Participants who are unable to clear the evaluation criteria but have the requisite attendance will be awarded a Participation Certificate.
- ▶ The programme may require participants to work on individual/group assignments and/or projects. The main objective of such assignments/projects will be to help the participants apply their conceptual learning of the programme to actual organizational decision scenarios.





# Programme Certification

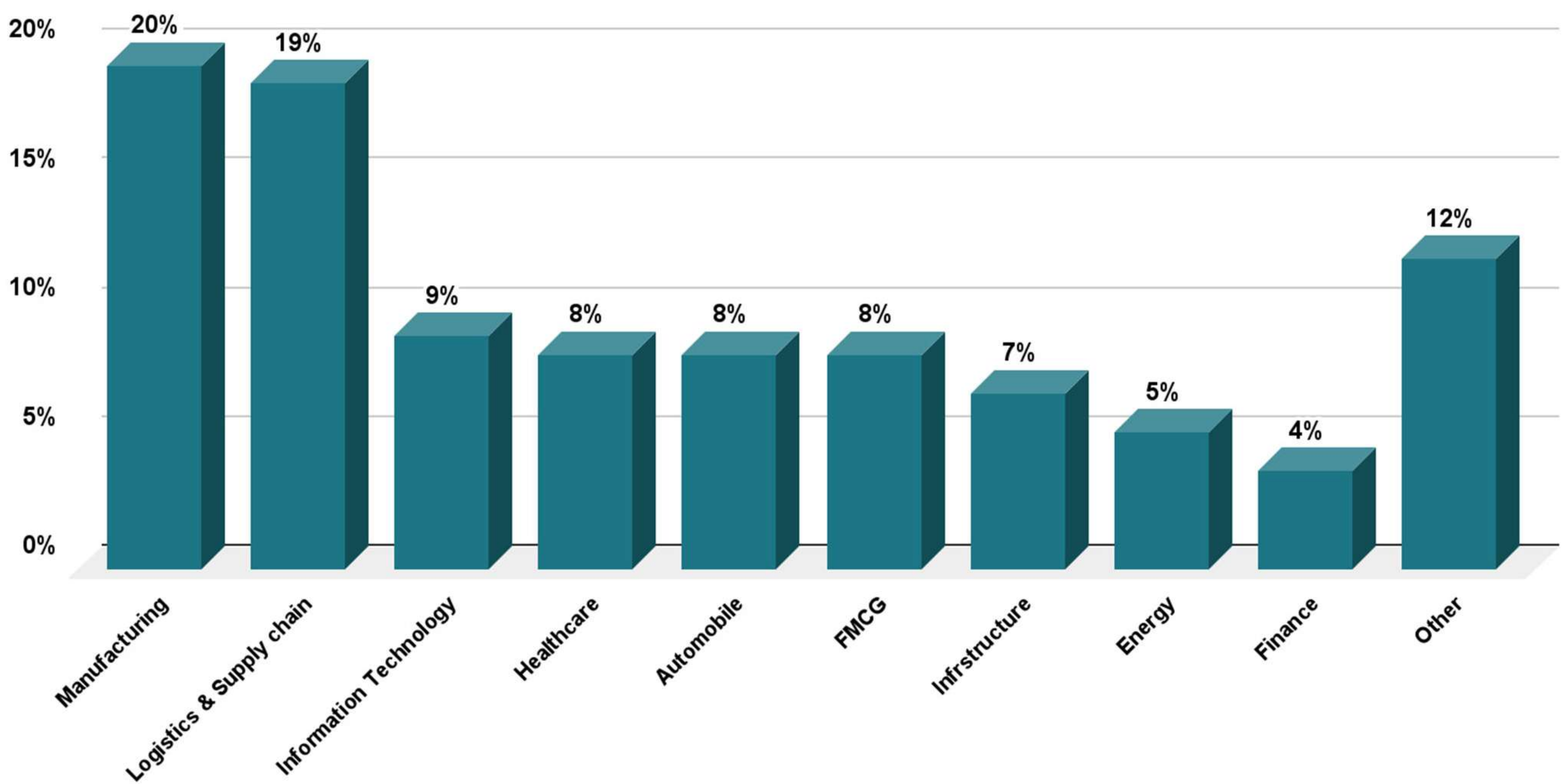


- Participants who successfully meet the evaluation criteria and satisfy the requisite attendance criteria will be awarded a '**Certification of Completion**'.
- Participants who are unable to clear the evaluation criteria but have requisite attendance will be awarded a '**Participation Certificate**'.
- Participants will receive certification in the "**Advanced Certificate Programme in Smart Supply Chain Management and Transformation**", offered by IIM Kozhikode.



# Recent Batch Analysis

## Industry wise Bifurcation





# Recent Batch Analysis

## Top Profiles of our Alumni

- ▶ Co-Founder
- ▶ Vice President Supply Chain
- ▶ Assistant Vice President
- ▶ AVP-Sales(Solution Design)
- ▶ Dy General Manager
- ▶ Chief Manager
- ▶ Operations Manager - SCM
- ▶ Manager Sales International Business
- ▶ Logistics Specialist

## Top Companies where our alumni are working at:



### Note:-

- The above list is partial.
- Highlighted above are the previous batch demographics of IIM Kozhikode's programme.
- 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.



# Programme Director

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## **PROF. RUPESH KUMAR PATI**

**Professor**

**Quantitative Methods and Operations Management**

Dr. Rupesh Kumar Pati is a Professor in Quantitative Methods and Operations Management at the Indian Institute of Management (IIM) Kozhikode. With a Ph.D. in Supply Chain Management from IIT Roorkee and a gold medal in his master's degree in Industrial Engineering and Management, he brings exceptional academic credentials to his role.

Dr. Pati specializes in sustainability, green supply chain management, project management, and green business. His research contributions are widely recognized, with several publications in reputed journals and presentations at international conferences. His teaching portfolio includes Project Management, Operations Research, Supply Chain Management, Service Operations Management, and Quality Management.

A recipient of numerous accolades, including the Emerald/IAM Indian Management Research Fund Award, Dr. Pati is also actively involved in guiding doctoral theses, furthering research in sustainable innovation and supply chain practices.



# Hear From Our Learners



Years of hard work in supply chain management brought me to a crossroads. I knew I needed more. The ASCM - IIMK programme was my gateway to realizing my dreams. The mentorship from the faculty and the cutting-edge curriculum transformed my perspective on supply chain dynamics. When I secured a Supply Chain Manager position at JSW Steel with a 44% salary increase, it felt like all my efforts had finally paid off. Jaro Education was my partner in this electrifying journey, and I'm forever grateful.

## **MR. SUBHADEEP MOHANTY**

**Assistant Manager,**

**ArcelorMittal Nippon Steel India**





# About the IIM Kozhikode



Started in 1997 with its Post Graduate Programme (PGP), the Indian Institute of Management Kozhikode (IIMK) is on a high growth trajectory today, offering a wide range of academic programmes in the field of management education. These include: Fellow Programme in Management, Executive PG Programmes, Management Development Programmes and Faculty Development Programs. IIMK set up a Satellite campus at Infopark, Kochi, in 2013 dedicated to Executive Education. IIMK also has the unique distinction of launching a PhD (Practice Track) programme for working professionals besides bringing in new dynamic programmes such as the one-year Post Graduate Programme in Business Leadership (2019), MBA in Finance and MBA in Liberal Studies & Management (2020). The institute is also home to IIMK LIVE (Laboratory for Innovation, Venturing, and Entrepreneurship), a first-of-its-kind startup incubation programme and the Indian Business Museum.

IIMK is ranked 3<sup>rd</sup> as per NIRF India Rankings 2024: Management. The institute also features regularly among top global institutes for its flagship Master of Business Administration (PGP) and Executive Master of Business Administration Programme (EPGP) in the QS World University Rankings. The institute has leapfrogged 100 spots to be placed in the Top 151-200 Institutes in Business & Management Studies globally, and 16+ Asia-Pacific region in the QS World University Rankings 2024. IIM Kozhikode is globally accredited by EQUIS (EFMD) and AMBA (UK).

IIM Kozhikode also made its debut in the prestigious Financial Times Rankings in 2023 and was recently ranked #70 among the top-80 open-enrolment executive program providers globally for the year 2024. The feat has further consolidated the 28-year IIM's footing in an exclusive list of the foremost providers of executive education in the world. The institute had also entered in global top-100 at Rank #77 for FT Masters in Management (MIM) 2023 Rankings, for its full-time MBA programme. IIM Kozhikode has successfully delivered close to 1300 MDP programmes over the past two decades, training more than 41,000 participants from 150+ organizations, which also includes several Fortune 500 companies in the process.





# 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

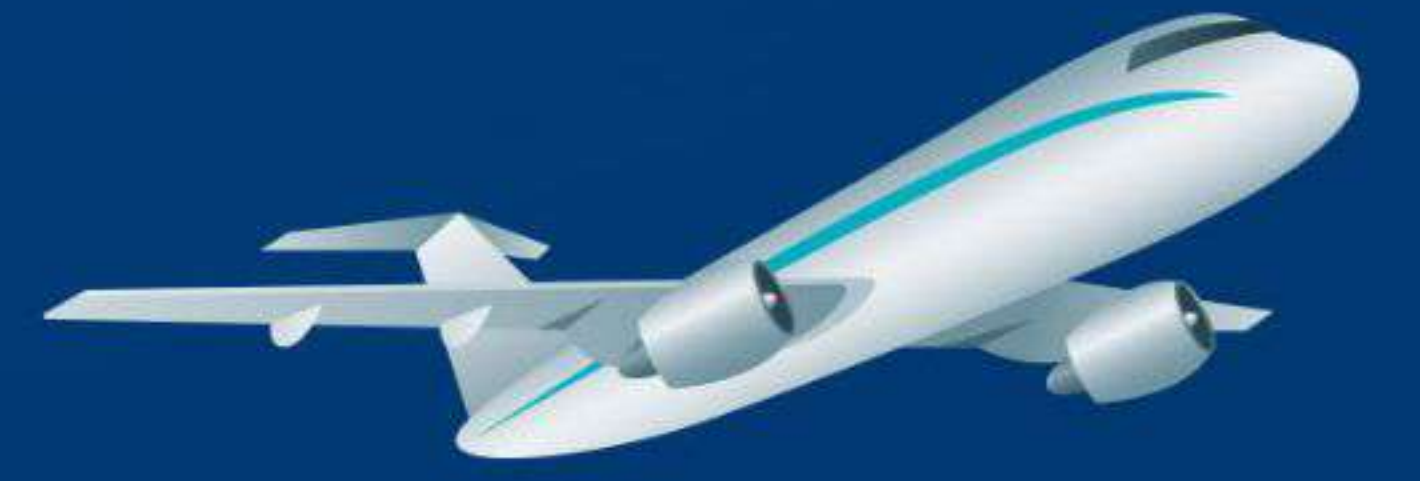


The Business  
Awards 2024

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 & PhD, 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

**Contact**

*With*

**Us Now!**

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### **JARO EDUCATION'S PRESENCE**

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