



Confederation of Indian Industry

Certificate Programme on
AI-Driven Intelligent Supply Chain Management
Date: 23rd June to 26th June 2026
Time: 9 30 am - 5 30 pm

Program Overview

Supply chains today experience near-constant turbulence and disruption due to factors such as geopolitical uncertainties, demand fluctuations, and sustainability pressures in an era that many describe as a '**permacrisis**'. Traditional supply chain models, which often rely on manual processes and historical data, struggle to keep up with these demands. Artificial Intelligence (**AI**) **is emerging as a transformative enabler**, allowing organizations to move from reactive to predictive and prescriptive supply chain management. **AI is not just an emerging technology but a strategic imperative for modern supply chains.**

AI is redefining how supply chains operate by introducing automation, predictive capabilities, and real-time decision-making. From demand forecasting to logistics optimization, AI enables organizations to build smarter, more resilient, and more efficient supply chains. This **certification program equips participants with the strategic understanding, practical tools, and implementation frameworks required to lead next-generation AI-enabled supply chain transformation initiatives.**

Program Objectives

- Understand AI Across the End-to-End Supply Chain
- Apply AI for Operational Optimization
- Build AI & Analytics Capabilities
- Design AI-Driven Supply Chain Transformation Strategies
- Understand Responsible AI & Governance

Learning Mix

- 30% Conceptual and Theoretical Foundation
- 40% Hands-on and Technical Practice
- 30% Application through Case Studies and Capstone Project

Delivery Pedagogy

- Faculty-Led Interactive Sessions
- Conceptual and strategic sessions delivered through industry-oriented discussions and real-world examples.
- Hands-on AI & Analytics Labs.
- Generative AI Experimentation

- Industry Case Studies & SCM Simulations
- Group Workshops & Capstone Project

Program Structure

- Module 1: AI and Industry 4.0 – Digital Intelligent Factory
- Module 2: Digital Intelligent Supply Chain Architecture
- Module 3: Data Infrastructure & Analytics Foundations
- Module 4: AI in Demand Forecasting & Demand Sensing
- Module 5: Intelligent Procurement & Supplier Risk Management
- Module 6: Inventory Optimization & Warehouse Intelligence
- Module 7: AI in Logistics & Transportation
- Module 8: AI in Manufacturing Supply Chains
- Module 9: Customer Fulfilment & Service Intelligence
- Module 10: Agentic AI & Autonomous Supply Chains
- Module 11: Responsible AI & Governance
- Module 12: Enterprise AI Transformation Roadmap
- Module 13: Capstone Project Presentation in Groups

Tools & Technologies Covered

- Orange Data Mining No Code Tool
- Google Colab
- Generative AI Tools ChatGPT
- Microsoft Copilot
- Google Gemini
- Claude
- Perplexity AI
- NotebookLM
- Genspark

Assessment & Certification

Participants will receive “Executive Certification in AI-Driven Intelligent Supply Chain Management” based on:

- Participation in hands-on labs
- Group capstone project participation
- Final project presentation
- Completion of evaluation assessments

Know your faculty

- **Prof Pankaj Roy Gupta – Lead Facilitator & Mentor**

30 years of cross-functional leadership spanning Industry, Academia, Training, and Consulting. With rich experience in ERP, CRM, AI, ML, and IoT across diverse sectors, he has held senior roles at organizations like RDL Infotech Ltd and Tata Metaliks Ltd.

- **Prof. Shreyas Nambiar – Lead Facilitator & Mentor**

27 years of rich experience spanning corporate strategy, academia, and technology-led innovation. With a rare blend of empathy, strategic acumen, and executional excellence, he empowers teams, scales impact and delivers results - making him a trusted advisor and changemaker in the AI and education space.

- **Prof. Aakash Kadam – Lead Facilitator & Mentor**

A Business Analytics and Machine Learning professional with 8+ years of experience in corporate training, academics, and applied research. With industry exposure at IBM and TIBCO and ongoing doctoral research at IIT Patna, he combines technical depth with real-world applications.

Who Should Attend

This program is designed for **Executives to Senior Management professionals working across the Supply Chain value** chain in the in the various functional areas in the following recommended roles:

- Supply Chain Managers
- Procurement Managers
- Logistics Managers
- Plant Heads
- Operations Managers
- Warehouse Managers
- SCM Excellence Teams
- Digital Transformation Leaders
- ERP Leaders
- Business Analysts
- Strategy Teams

Program Outcomes

After successful completing the program, **participants** will be able to:

- Understand AI/ML/DL/NLP, Generative AI, and Agentic AI applications across the entire SCM value chain.
- Identify AI opportunities for operational optimization and cost reduction
- Build AI-enabled supply chain transformation roadmaps
- Improve forecasting, inventory, logistics, and supplier management using AI
- Use Generative AI tools for procurement, logistics, analytics, and decision support
- Develop practical AI/ML models using Google Colab and Orange
- Create AI-driven dashboards and analytics visualizations
- Understand AI governance, ethics, cybersecurity, and responsible AI practices
- Lead AI-driven digital transformation initiatives in their organizations

Organizations that successfully integrate AI into their supply chains will achieve:

- Faster decision-making

- Improved resilience
- Reduced operational costs
- Better forecasting accuracy
- Enhanced customer experience
- Sustainable and agile supply chains

Participation Fees

Type of Organization	Fees per Participant
CII Members Companies	INR. 40,000/- + 18% GST
CII Non-Members Companies	INR. 45,000/- + 18% GST

Special Discount

- 5% on 3 - 4 nominations from an organization
- 10% on 5 - 9 nominations from an organization
- 15% on 10 or more nominations from an organization

Program Duration:

4 Days (Full-Time) / 8 Hours per Day

Mode of Delivery:

Face-to-Face Classroom Delivery

Venue

CII Naorji Godrej Centre of Excellence
 Godrej Station-side Colony, opp. Railway Station,
 Godrej Colony, Firozsha Nagar, Vikhroli East,
 Mumbai, Maharashtra 400079

Coordinator

Girish Gaikwad
 9820927666
 girish.gaikwad@cii.in