

Management Development Program

Achieving Excellence in Supply Chain & Operations



A shipment scheduled to arrive on Monday fails to reach the plant.

By Tuesday morning, the production line stops.

A disrupted shipping route, rising freight costs & delayed components quickly escalate from an operational issue to a strategic challenge.

Global supply chains today operate in an environment defined by uncertainty, geopolitical shifts, and technological transformation. As a result, organizations are increasingly shifting from efficiency-focused models toward resilient & adaptive networks.

"Supply chains today experience near-constant turbulence and disruption in an era that many describe as a 'permacrisis'." Recent global analysis further highlights the structural nature of this volatility.

"Supply chain disruption in 2026 will be very constant and structural. Geopolitical fragmentation, shifting trade rules and labour shortages are redefining how value is created and moved."

Source:
World Economic Forum Report, 2026

About This Program

Global supply chains today power over 80% of international trade and contribute significantly to economic growth, innovation, and customer value creation. Organizations that excel in supply chain and operations management consistently achieve higher profitability, faster market responsiveness, and stronger customer satisfaction. In an era of digital transformation and Industry 4.0, operational excellence has become a powerful competitive advantage.

This program is designed for mid-level managers and senior supervisors seeking to enhance performance across modern supply chains. The program blends practical frameworks, real industry cases, & hands-on simulations to strengthen supply chain strategy, operational productivity, resilience, and digital integration—equipping participants with tools they can immediately apply within their organizations.

What Will You Learn

Participants will develop advanced capabilities across the full spectrum of supply chain and operations management, including:

- Designing end-to-end supply chain strategies aligned with cost, service, and resilience goals
- Applying advanced demand forecasting and inventory optimization techniques
- Driving operational excellence using Lean, Agile, and continuous improvement frameworks
- Strengthening supplier ecosystems and strategic sourcing decisions
- Optimizing logistics networks and last-mile delivery performance
- Managing quality, risk, and supply chain disruptions proactively

Leveraging digital technologies and Industry 4.0 for operational visibility and sustainability

Program Leaders



Dr. Nitin S. Tupe
PhD, Industrial Systems
MBA IT system,
BE Mechanical

With over 23 years of international and domestic industrial experience, he has a strong foundation in SCM strategy, procurement, material & production planning, warehouse & logistics operations, process excellence, and automation across manufacturing, automotive, FMCG, e-commerce and retail sectors. His research interests include Automation Digitalisation strategies for SCM operations.



Prof. Navin Verma
PhD, MBA Material Mgmt,
MBA IT system,
BE Mechanical

Over 30 years of leadership experience in Supply Chain and Operations across global organizations such as Cummins, Tata, Airtel, and Eicher. He holds CPIM and CSCP certifications from APICS, USA, and is a Lean Six Sigma Black Belt. Now in full-time Consulting and Academics, he integrates rich industry experience with practical, high-impact teaching.

Program Content Details

The program is structured into 8 integrated, executive-level modules, combining strategic frameworks with real-world application:

Module 1: Operational Excellence for Sustainable Performance Lean & Agile, Process Optimisation, Continuous Improvement

Module 2: Resilient Supply Chain Design & Strategic Execution Network resilience, disruption management, scenario planning

Module 3: Agile & AI-Enabled Project Management Agile, Scrum, Hybrid PM models

Module 4: Advanced Supply Chain Network Optimisation Mathematical modelling & optimisation

Module 5: AI/ML Risk Analytics for Modern Supply Chains Risk identification, measurement & mitigation

Module 6: Supply Chain Finance & Performance Metrics Financial integration & KPI measurement

Module 7: Digital Supply Chain Sustainability & Blockchain Integration Digital transformation & traceability

Module 8: Advanced AI/ML Supply Chain Analytics for Risk Assessment Data-driven decision making

Program Benefits

- **End-to-End Supply Chain Expertise:** Develop strategic, integrated capabilities across the full spectrum of Supply Chain & Operations management.
- **Resilient & Agile Operations:** Build supply chains capable of proactively managing risk, disruptions, and market volatility.
- **Data-Driven Digital Enablement:** Leverage AI/ML and advanced digital technologies to enhance visibility, forecasting accuracy, and decision-making.
- **Operational Excellence & Continuous Improvement:** Drive performance using Lean, Agile, and structured continuous improvement frameworks.

Program Delivery Methodology

Each module integrates structured analysis, presentations, and expert feedback to ensure real-world application.

- Small cohorts for personalized attention
- Real-world cases with practical, data-driven exercises
- Team-based analysis and presentations simulating business decisions
- Faculty-led debriefs to translate learning into workplace action

Who Should Attend

- Plant, manufacturing, logistics, and procurement leaders
- Professionals in demand planning, inventory, and distribution
- Mid-level managers and senior supervisors in operations and supply chain
- High-potential leaders preparing for larger operational roles

Select sessions would be conducted by Operations Leaders from MNCs and Large Indian Companies.