



Confederation of Indian Industry

Virtual Programme on

**Supply Chain 4.0: Driving Competitive Advantage Through Intelligence**

**Date: 18<sup>th</sup> and 19<sup>th</sup> November 2025 / Time: 2pm - 5pm (Both Days)**

**Context Setting:**

Looking at the current state of affairs, trade tensions, geopolitical conflict, climate events, cyberattacks, inflation and high capital costs have come hot on the heels of a global pandemic. Then add in other factors that will profoundly alter the business landscape for decades to come: the demands of the energy transition, weakening of key international institutions, emerging labour and skills shortages, and the arrival of technology that upends traditional business models. **Supply chains today experience near-constant turbulence and disruption in an era that many describe as a 'permacrisis'**. Recent study shows that supply chain disruptions lasting longer than a month now occur every 3.7 years on average, and that they can cost businesses up to 45% of a year's profit over the course of a decade.

Companies with traditional, siloed structures often have difficulty developing and cultivating the flexibility they need to blend analytical and statistical skills with an enterprise-wide focus. In an age of constant disruption, the advantage goes to companies that see their supply chains as end-to-end networks. **Supply Chain 4.0 refers to a transformed supply chain model that uses Industry 4.0 technologies to create a more integrated, connected, resilient, adaptive and data-driven system.** This approach moves away from traditional linear models, **enabling real-time visibility, increased efficiency, greater agility, better decision-making and improved customer satisfaction across the entire supply chain.**

Considering the importance of supply chain 4.0 that explores how emerging technologies are reshaping to deliver smarter, faster, and more customer-centric operations, CII Centre of Manufacturing Excellence (CII CME) **is organising a 2-day Virtual Session with real life case studies across industries** which will help participants gain valuable and crucial insights in designing and managing supply chain that **goes beyond implementing technology focusing on mastering decision-making and collaboration to achieve business objectives.**

**Objectives:**

- Analyse internal and external competition and challenges.
- Understanding Principle of Corporate Objectives.
- Understand the need for end-to-end Supply chain in India.
- Principles of Exchanges and Collaborations.
- Optimize the supply chain from Demand forecasting to Raw material procurement.
- Development of an Agile Digital End-to-End supply chain in India.

## Course Content:

These programs Session will cover:

<p><b>18<sup>th</sup> November 2025, Tuesday</b></p>	<p>Designing &amp; Managing the Architecture of a Supply Chain - An Art, not a Science</p>	<ul style="list-style-type: none"> <li>• Overview of Industry</li> <li>• Know your Product, its Production, its demand, its Surpluses, its infrastructure for distribution- its Supply Chain.</li> <li>• Measures to enhance Corporate Profitability.</li> <li>• Guiding Principles of Product Positioning – Elements of Least Landed Cost Model for designing Supply Chain.</li> <li>• Mastering inventory management and development of Digital multimodal scheduler – Rail, Pipeline and Coastal</li> </ul>
<p><b>19<sup>th</sup> November 2025, Wednesday</b></p>	<p>Development &amp; Management of Digital SMART Secondary Distribution</p>	<ul style="list-style-type: none"> <li>• Developing SMART terminal operations and transparent Operational Architecture for Stakeholders satisfaction and profitability - a Win - Win strategy.</li> <li>• Re-alignment of Markets harnessing own Infrastructure Capacities and Capabilities to provide corporate advantages.</li> <li>• Development of Digital Secondary transportation for tracking, monitoring and Optimal utilization of resources and Driver's Safety.</li> <li>• Principles of making advance contingency plan to take care of planned Shutdowns and making emergency plans for unplanned shutdowns.</li> </ul>

## Faculty: Mr. Rajesh Nigam

- A Mechanical Engineer & MBA by profession, Superannuated as **Executive Director (Supply Chain) from Indian Oil Corp Ltd**, is a thoroughbred professional with a series of impactful and well-recognized success stories during his 36 years of journey in the domain of LPG & Petroleum Projects, Impactful Infrastructure development, sustainability & in Supply chain and Logistics.
- Academic Supply Chain Advisor and SCALE Award Jury Member at the Confederation of Indian Industry - Institute of Logistics, Chennai.
- Panel Speaker and Session Moderator at numerous national and international Supply Chain & Logistics conferences, such as ELSSC, ET Edge, ET Infra, ET Now, and ISM.

## Key Takeaways:

The participants will be able to understand the art of supply chain management and implement its following aspects to their respective organisations advantage:

- Transition to a Digital Supply Chain
- Agile Demand-to-Supply Optimization
- Multimodal Transport Solutions
- Building Resilience Through Collaboration

- Integrating Sustainability
- The Human Factor
- Safe Industrial Terminal/ Warehouse Operation

**Participation Fees:**

Type of Organization	Fees per Participant
CII Small Scale Members	INR. 7,000/- + 18% GST
CII Medium Scale Members	INR. 7,500/- + 18% GST
CII Large Scale Members	INR. 8,000/- + 18% GST
Non-Member Companies of CII	INR. 8,500/- + 18% GST

**Special Discount**

- 10% on 3 or more nominations from the same organization

**Who Should Attend:**

- Supply Chain Managers
- Procurement and Logistics Professionals
- Operations and Process Improvement Leaders
- Business Strategists and Analysts
- Logistics and Marketing Executives

**Venue:**

Virtually through MS Teams

**Coordinator:**

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