LOGISTICS &
SUPPLY CHAIN MANAGEMENT



3 Hours per Day | **Total Duration: 30 Hours (10 Days)**

DAY 1 — Introduction to Logistics & Supply Chain Management

- Concepts and importance of Supply Chain Management
- Logistics functions and supply chain structure
- Supply chain processes and stakeholders
- **Practical:** Mapping a basic supply chain

DAY 2 — Procurement & Purchasing Management

- Procurement process and purchasing cycle
- Supplier selection and evaluation
- Vendor management
- Purchase orders and documentation
- **Practical:** Preparing a procurement plan

DAY 3 — Inventory Management

- Inventory concepts and classifications
- Stock control techniques
- EOQ, Safety Stock and Reorder Level
- ABC Analysis
- **Practical:** Inventory planning and analysis

DAY 4 — Warehousing Management

- Warehouse functions and operations
- Storage systems and material handling
- Warehouse layout and space utilization
- Warehouse safety and technology
- **Practical:** Designing a warehouse layout

DAY 5 — Transportation & Distribution

- Modes of transportation
- Transportation planning and costing
- Route and delivery management
- Distribution network and last-mile delivery
- **Practical:** Transportation and route planning

DAY 6 — Demand Planning & Forecasting

- Demand and supply planning
- Forecasting concepts and techniques
- Capacity planning
- Sales and Operations Planning (S&OP)
- **Practical:** Basic demand forecasting

DAY 7 — Supply Chain Technology

- ERP and Supply Chain Management systems
- Barcode and RFID technologies
- IoT and real-time tracking
- Automation and digital supply chains
- **Practical:** Technology-based supply chain case study

DAY 8 — Supply Chain Analytics

- Supply chain KPIs and performance measurement
- Cost analysis and optimization
- Excel-based supply chain analysis
- Dashboards and reporting
- **Practical:** Supply chain performance dashboard

DAY 9 — Risk Management & Sustainable Supply Chain

- Supply chain risks and disruptions
- Risk identification and mitigation
- Supplier and operational risk
- Green logistics and sustainability
- Resilient supply chain strategies
- **Practical:** Supply chain risk assessment

DAY 10 — Industry Case Study & Final Project

- End-to-end supply chain planning
- Procurement, inventory, warehousing and transportation
- Cost and performance analysis
- Industry-based case study
- **Practical:** Final Supply Chain Management Project