

Logistics and Supply Chain Management

Course curriculum

Introduction-Understanding Logistics and Supply Chain Management

- Demand Management
- Forecasting Methods, capacity planning, customer order process, forecasting errors, material management planning

Material Management

- Stock Function
- Material Management & Transportation
- Material Requirements Planning (MRP)
- [Distribution Requirement Planning](#)
- Kanban Cards
- Lot Size (Economic Order Quantity, EOQ)
- Safety stock

Distribution and route planning

- Consolidation techniques
- Load factor
- Route planning. -Sweep and savings method
- Network optimization model
- Terminal Management
- Tracking & Tracing
- Transportation (Pricing)

Procurement and collaboration

- Procurement Process
- Types of procurement
- Incoterms
- Procurement of Materials (Financial Considerations)
- Suppliers Evaluation Criteria

- The flip side of supply chain - Negative effects
- Co-operations
- Collaboration Concept
- Resource Utilization
- Product Supply Chain Strategies