

# LOGISTIC MANAGEMENT

## Objective

The objective of this course is to enable students understand the importance and dynamics of a firm's physical distribution functions and management of its supply chain.

**Module 1:** Introduction to distribution logistics: Nature, importance and scope of logistic decisions; Systems approach to logistics; integrates logistics; Total cost concept ; supply chain management- nature , importance and interface with logistics; Concept of customer service.

**Module 2:** Transportation and physical Distribution: Importance and modes of transportation Selection of transportation modes; Multi modal transportation; Documentation and carrier liabilities. Inter – state good movement and problems; Transportation management.

**Module 3:** Inventory control: Economic order quantity under conditions of certainty and uncertainty; Inventory requirements as function of number of stock locations; techniques of inventory control.

**Module 4:** Warehousing: Role and modern concept of warehousing; private vs public warehousing; Planning warehousing operations; Site selection, warehouse layout. Material handling; Management of receipts and issues; Computers and warehouse management.

**Module 5:** Order Processing: Importance to customer service; Model of Performance measurement; Packaging and utilization.

## References:

Bowersox and others: Physical Distribution Management. Tata McGraw Hill, New Delhi

Dobler,D.W; Purchasing and Supply Management Tata McGraw Hill, New Delhi

Glaskowsky N.A: Business Logistics, Dryden Press, Ohio

Khanna, K.K: Physical Management, Himalaya Publishing House, New Delhi