



# SNS College of Technology COIMBATORE

23BAE743

LOGISTICS AND SUPPLY CHAIN MANAGEMENT





# Scope of Logistics

**Network Design**

**Procurement**

**Material Handling**

**Order Processing**

**Inventory Management**

**Packaging**

**Warehousing**

**Transportation**



# Network Design

Network Design is one of the prime function performed by process of logistic management. Logistic manager properly designs a network that denotes the number and location of production plants, storage houses, equipment for handling of materials etc.



# Procurement



Logistics management monitor the procurement of required materials and equipment for supporting manufacturing process of organization. It identifies supply sources, places order, manages inbound transportation, collect, inspect and store materials. All required raw materials of right quality are provided at right time at a minimum cost.



# Material Handling



Logistics management involves proper handling of all materials within organization like raw-materials, equipment's, semi-finished and final goods. Managers need to ensure that there are no losses arising out of breakage, spoilage etc.



# Order Processing

Processing of consumer order is an important aspect of logistics management. It ensures that all order are timely processes and performs various operations like receiving, handling and recoding of consumer orders



# Inventory Management



Logistics managers manages all the inventories of materials in right way. Proper amount of inventory is maintained at every point of time to facilitation uninterrupted production and regular supply of goods to consumers. Efforts are made to avoid any blockage of working capital in inventory.



# Packaging



Packaging and labelling are very important in logistics management. Packaging involves encasing products in proper packets for its safety and convenient handling. It makes product attractive and facilitate its sales.





# Warehousing

It is a logistical operation which aims at creating time utility by safe storage of products from the time in-between production point to consumption point. Logistic managers properly decide number and location of all warehouses to be established by company for proper storage of its products.



# Transportation

Transportation is a logistical activity which refers to movement of goods within and outside the organization. It creates time utility by delivering goods at right time and in right order. Railways, roadways, waterways, airways and pipeline are major sources of transportation used.



# QUIZ TIME

**What is the main difference between supply chain management (SCM) and logistics?**

- (a) Logistics focuses on two main constituents: transportation and warehousing**
- (b) SCM's main focus is the delivery of a final product while logistics focuses more on the bigger picture
- (c) Logistics covers a number of processes in the supply chain while SCM just focuses on moving products
- (d) None of the above



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