

## Logistics Management (chartered Institute of Logistics and Transport-CILT)

### Course Objectives

#### By the end of the course, participants will be able to:

Recognize modern supply chain and logistics trends as a basis for sustainable performance

Describe the role of transportation in logistics and identify opportunities for operational improvement

Identify the role of warehousing, focusing on operational throughput and performance optimization

Employ effective techniques for optimizing inventory

Employing quantitative and qualitative material forecasting techniques for a streamlined logistics process

Develop go-to-market strategies for various product categories based on the supply risks and financial impact associated with them

Apply the Supply Chain Operations Reference (SCOR) framework to manage strategic, operational and tactical facets of logistics

### Target Competencies

Supply chain management

Enhancing customer value

Warehouse design

Warehouse operation

Inventory management

Transportation management

### Modern trends in logistics and supply chain services

About logistics services

Organizing logistics and supply chain services

The strategic, tactical and operational elements of logistics

Sustainability in logistics

Concepts in logistics

3PL concepts

4PL concepts

## Transportation management

- Transportation management objectives
- Costs associated with transportation management
- Means of transportation and its types
- Efficient and effective transportation

## Warehousing operations

- Storage network design/storage space arrangement
- Value added activities
- Goods stacking, spot storage and classification
- Unpacking, dividing and assembling goods
- Mixing of goods, postponement and consolidation of orders
- Determine warehouse activity
- Calculate the cost of storage
- Sustainable storage practices

## Inventory Management

- Scope of resource management
- Resource management objectives
- Inventory types and classification
- Resource management challenges
- Resource replenishment strategies
- Made to store / made to order
- Assembly according to request
- Design according to request
- Design according to the supply chain
- Design according to the environment

## Performance management and logistics

- SCOR Framework Overview
- SCOR Define high-level arrays
- SCOR allocates low-level arrays
- Goal management/continuous performance improvement