

# 2 – DAY EFFECTIVE TOTAL SUPPLY CHAIN MANAGEMENT



## Introduction

Supply Chain Management have been among the fastest evolving business disciplines over the past 2 decades. The continuous arrival of innovative concepts and techniques into the mainstream has resulted in a non-stop journey of learning and development for professionals in supply chain and logistics.

Organisations around the world are developing internally to combat external fluctuations to remain competitive. Developing new methodologies and sustaining it across the core activities of the chain provides a variety of options in cost reduction and efficiency.

The value chain of an organisation is getting more and more refined, dynamic and resilient to sustain in this highly competitive and complex environment. Supply chain activities allow organisations to be prepared for external uncertainties. An effective and efficient Supply Chain Management renders unparalleled advantage to the organisations' operations thus making it dynamic and cost efficient, competitive and relevant. Supply Chain Management underlines the core activities of an organisation.

This Supply Chain Management program is designed to enable participants to be exposed to the latest ideas, concepts and current Best Practices within the field of Supply Chain Management.

The primary objectives of this course is to provide the participants with critical knowledge of logistics and supply chain management, and the ability to apply this information in the workplace, locally or globally.

## Course Objectives

By the end of this course, you will be able to:

- Obtain a holistic understanding of Integrated Supply Chain Management and the core activities
- Identify the key factors to be considered when designing a distribution network
- Analyse the supply chains they work in and their roles from customer's viewpoint
- Minimise costs and enhance your customer value through effective development and management of supply chain network hence practicing strategic cost management, .
- Consider the networks of relationships, sustainability and product design, as well as the logistics of procurement, distribution and fulfilment
- Examine the tools, core processes and initiatives that ensure businesses gain and maintain their competitive advantage.
- Understand the major drivers of supply chain performance and Supply Chain Operations Reference (SCOR)
- Balancing demand and supply with an effective integrated sales and operations plan
- Understand the importance of creating a sustainable supply chain management system
- Understand risk management and build a resilient supply chain - Lessons from Covid-19
- Understand supply chain analytics (Big Data) by using data-driven intelligence to your business, reducing overall cost to serve and improve service levels
- Improve supply chain performance; benchmark against Best Practices

## Methodology

This stimulating program will maximize understanding and learning through Interactive Lectures, Course notes, Videos, Learning Assessment.

## Who Should Attend?

- Supply Chain and Logistics Professionals
- Senior and Mid-Level Supply Chain Managers and Executives
- Manufacturing Managers
- Marketing and Customer Service Managers
- Procurement Managers
- Anyone interested in Supply Chain and Logistics Management



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## Course Outline

### MODULE 1: UNDERSTANDING TOTAL SUPPLY CHAIN MANAGEMENT

- Introduction to Total Supply Chain Management
- Discuss the goal of a supply chain and explain the impact of supply chain decisions
- Identify the three key supply chain decision phases
- Describe the cycle and push/ pull views of a supply chain.
- Classify the supply chain macro processes in a firm.
- Emerging Trends in Supply Chain

### MODULE 2: ACHIEVING STRATEGIC FIT & SCOPE

- Explain why achieving strategic fit is critical to a company's overall success.
- How to achieve strategic fit between its supply chain strategy and its competitive strategy.
- Discuss the importance of expanding the scope of strategic fit across the supply chain.
- Describe the major challenges that must be overcome to manage a supply chain successfully.

### MODULE 3: SUPPLY CHAIN DRIVERS & METRICS

- Describe key financial measures of firm performance.
- Identify the major drivers of supply chain performance.
- Discuss the role of each driver in creating strategic fit between the supply chain strategy and the competitive strategy.
- Define the key metrics that track the performance of the supply chain in terms of each driver.
- Supply Chain Operations Reference Models (SCOR)

### MODULE 4: DESIGNING DISTRIBUTION NETWORKS & NETWORK DESIGN

- Identify the key factors to be considered when designing a distribution network
- Discuss the strengths and weaknesses of various distribution options
- Understand how online sales have affected the design of distribution networks in different industries
- Understand the role of network design in a supply chain.
- Identify factors influencing supply chain network design decisions.
- Develop a framework for making network design decisions.
- Use optimisation for facility location and capacity allocation decisions

### MODULE 5: SUPPLY CHAIN GLOBALISATION & SUSTAINABILITY

- Identify factors that need to be included in total cost when making global sourcing decisions.
- Define uncertainties that are particularly relevant when designing global supply chains.
- Explain different strategies that may be used to mitigate risk in global supply chains.
- Understand the importance of sustainability in a supply chain
- Describe key metrics that can be used to measure sustainability for a supply chain
- Identify opportunities for improved sustainability in various supply chain drivers



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### MODULE 6: DEMAND PLANNING & FORECASTING IN A SUPPLY CHAIN

- Understand the role of demand planning and forecasting in supply chain.
- Identify the components of a demand planning and demand planning process
- Understand the different forms of collaborative planning, forecasting and replenishment
- Use sales and operations planning to maximise profitability when faced with predictable variability in a supply chain.
- Integrating Vendor Managed Inventory (VMI) with SOP

### MODULE 7: STRATEGIC COST MANAGEMENT

- What is strategic cost management
- Cost framework and structured approach to cost reduction
- Supply chain analytics (Big Data) - Using spend analysis to drive cost and operational efficiencies
- Lean supply chain management
- Reducing costs and improving supply chain performance
- Logistics inbound and outbound cost reduction

### MODULE 8: BUILDING A RESILIENT SUPPLY CHAIN

- Supply chain risk management
- Identifying and managing supply chain risk
- Developing a risk comprehensive assessment – tools, techniques and checklist
- Supply chain lessons from Covid-19: Time to refocus on resilience

### MODULE 9: COURSE SUMMARY – DEVELOPING YOUR ACTION PLAN

- Lesson learnt and program wrap up
- Identifying critical initiatives and developing key action plan
- Formulating participants personal next steps

