

STELLA MARIS COLLEGE (AUTONOMOUS) - 600 086

B.COM DEGREE

SYLLABUS

(Effective from the academic year 2019 -2020)

SUPPLY CHAIN AND LOGISTICS MANAGEMENT

CODE: 19CM/ME/SL45

CREDITS : 5

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TOTAL TEACHING HOURS: 65

OBJECTIVES OF THE COURSE

- To provide students an understanding of the framework of supply chain network and functions
- To familiarizes students with documentation relating to logistics
- To provide knowledge to the students on the role of logistics in market oriented society

COURSE LEARNING OUTCOMES

On successful completion of the course, students will be able to

- Analyze the issues in logistics management
- Understand the concept of customer service application of logistics information
- Gain expertise on the concepts of Inventory Management
- Evaluate the role of E- business in supply chain

Unit 1

Introduction

(10 Hours)

- 1.1 Role of Logistics and Supply Chain Management – Scope and Importance
- 1.2 Evolution of Supply Chain- Decision Phases in Supply Chain
- 1.3 Drivers of Supply Chain Performance and Obstacles

Unit 2

Supply Chain Network

(12 Hours)

- 2.1. Role of Distribution in Supply Chain- Factors influencing Distribution Network
- 2.2. Source Evaluation- Collaborative Perspective, Supplier and Buyer Relationship
- 2.3. Inventory Management in Supply Chain–Concept, Cost associated with Inventory and Methods and Techniques of Inventory Control

Unit 3

Logistics in Supply Chain (12 Hours)

- 3.1. Role of Transportation in Supply Chain- Factors affecting Transportation
- 3.2. Decision- Design options for Transportation Network, Routing
- 3.3. Scheduling and Transportation- Indian Transportation System
- 3.4. Transportation Document- CFS (Container Freight Station) ICDS (Inland Container Depot)

Unit 4

Sourcing and Co-ordination in Supply Chain (15 Hours)

- 4.1. Role of sourcing in Supply Chain- Supply selection Assessment and Contracts
- 4.2. Source planning and analysis- Bull Whip Effect
- 4.3. Supply Chain Co-ordination- Effect of lack of co-ordination, Obstacles
- 4.4. Building Strategic Partnership and Trust within a Supply Chain

Unit 5

International Logistics and Supply Chain Management (16 Hours)

- 5.1. Global Supply Chain Integration- Role of Government in controlling International trade
- 5.2. Role of IT in Supply Chain- Internal Supply Chain Management, Supplier Relationship Management
- 5.3. Future of IT in Supply Chain, E- Business in Supply Chain

BOOKS FOR STUDY

Sunil Chopra, Peter Meindl and Kalra, *Supply Chain Management Strategy, Planning and Operation*, Pearson Education 2010

D.K.Agarwal, *Textbook of Logistics and Supply Chain Management*, Laxmi Publications, 2003

BOOKS FOR REFERENCE

Joel D. Wisner G. Keong Keah Chaontan., *Principles of Supply Chain Management a balanced approach*, 3rd edition 2011.

Bowersox, *Logistics Management* McGraw Hill 2013

Srinivasan G. S., *Quantitative Models in Operations and Supply Chain Management* PHI 2010

Martin Christopher, *Logistics and Supply Chain Management*, Prentice Hall, 2011

JOURNALS

International Journal on Supply Chain Management

International Journal of Physical Distribution and Logistics management

WEB RESOURCES

www.esourcingforum.com

www.supplychaindigital.com

PATTERN OF ASSESSMENT

Continuous Assessment Test: Total Marks: 50

Duration: 90 minutes.

Section A – 7 x 2 = 14 Marks (no choice)

Section B – 2 x 8 = 16 Marks (from a choice of three)

Section C – 1 x 20 = 20 Marks (from a choice of two)

Other Components: Total Marks: 50

Seminar/Group Discussion/Assignments/Class Presentations

End Semester Examination Total Marks: 100

Duration: 3 hours

Section A – 10 x 2 = 20 Marks (no choice - Max 30 words)

Section B – 5 x 8 = 40 Marks (from a choice of seven - Max 500 words)

Section C – 2 x 20 = 40 Marks (from a choice of four -Max 1200 words)