

**JYOTI NIVAS COLLEGE AUTONOMOUS**  
**SYLLABUS UNDER NEP FOR 2021 BATCH AND THEREAFTER**  
**PROGRAMME: B.COM LSM.**  
**SEMESTER: I - LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**NO. OF  
HOURS: 60**

**COURSE OBJECTIVES**

- To demonstrate the current supply chain management trends and to apply the current supply chain theories.
- To develop analytical, critical understanding, skills for planning, designing and operations of supply chain.
- To examine the role and basic concepts of logistics and supply chain management.

**LEARNING OUTCOMES**

- To develop students understand the elements and operations of the supply chain, as well as the role in logistics.
- To formulate a fundamental understanding of logistics and supply chain management principles and its application in company.
- To develop students to recognize the importance of logistics in terms of transportation and warehousing.

**UNIT 1:**

**12 HRS**

**INTRODUCTION TO SUPPLY CHAIN MANAGEMENT**

Introduction, Objectives, Concept of Logistics, Objectives of logistics, Types of logistics, Concept of Logistics Management, Evolution of Logistics, Role of Logistics in an Economy, Difference between Logistics and Supply Chain Management, Logistics and Competitive Advantage, Logistics Mix, Logistics in Organised Retail in India

**UNIT 2:**

**14 HRS**

**PROCUREMENT**

Meaning and Definitions of Procurement, Purchasing and Supply. Distinction between procurement and purchasing. Organizational costs involved in procurement of goods and services. Stock and Non-Stock procurements. Direct & Indirect Procurements. Capital & Operational Expenditures. Service Procurements.

**UNIT 3:**

**14 HRS**

**SOURCING**

Meaning and definition of sourcing. Generic sourcing process. Stages of generic sourcing process. Distinctions between pre contract and post -contract award stages. Structured sourcing process. Need for structured sourcing process. Concept of Logistics Outsourcing, Catalyst for logistics outsourcing, Benefits of logistics outsourcing, Issues in logistics outsourcing, Third-Party Logistics, Fourth-Party Logistics, Selection of Logistics Service Provider, Logistics Service Contract, Outsourcing-Value Proposition

**UNIT 4:****12 HRS****MATERIAL HANDLING AND MATERIAL STORAGE SYSTEM:**

Introduction, Objectives, Concept of Material Handling, Objectives of material handling, Principles of material handling, Equipment used for Material Handling, Points to be Considered while Handling Materials, Role of Material Handling in Logistics , Concept of Material Storage System, Unit Load Storage, Storage principles, Storage design and its benefits, Storage Methods.

**UNIT****5:****08 HRS****LOGISTICAL PACKAGING**

Introduction, Objectives, Concept of Logistical Packaging, Design Consideration in Packaging, Types of Packaging Material, Packaging Costs.

**SKILL DEVELOPMENT ACTIVITIES:**

1. Identifying the different ways in which the operations managers can reduce the cost of operation
2. To study various supply chain technologies to run the business effortlessly.
3. To study the features upon which the supplier selection are made by the organizations.
4. Identify various packaging materials.

**TEXT BOOKS:**

1. S. Chopra and P. Meindl, Supply Chain Management, Prentice Hall, 2010 (4th Edition)
2. Rahul V. Altekhar, 'Supply Chain Management- Concepts and Cases'; Prentice Hall of India,
3. R.B. Handfield and E.L. Nochols, Jr. Introduction to Supply Chain Management. Prentice Hall, 1999
4. Sunil Chopra and Peter Meindel. Supply Chain Management: Strategy, Planning, and Operation, Prentice Hall of India, 2002
5. Donald Waters, Logistics An Introduction to Supply Chain Management, PALGRAVE MACMILLAN, New York
6. Dr. Martin Khan, Sales & Distribution Management
7. Sunil Chopra & Peter Meinden, Supply Chain Management.

**Note: Latest edition of text books may be used**

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