

Bachelor of Vocation - Retail Management & IT course (Semester-5)

Undergraduate Curriculum Framework 2022(UGCF)

DISCIPLINE SPECIFIC CORE COURSE – DSC-13 Introduction to Logistic Management

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

| Course title & Code | Credits | Credit distribution of the course | | | Eligibility criteria | Pre-requisite of the course(if any) |
|---|----------------|--|-----------------|---------------------------|-----------------------------|--|
| | | Lecture | Tutorial | Practical/Practice | | |
| DSC-13 Introduction to Logistic Management | 4 | 3 | 1 | 0 | N/A | N/A |

Learning Objectives

The course aims to provide an understanding Integrated Logistics & Quality Customer Service.

Learning outcomes

By studying this course, students will be able to:

- Have basic understanding of the concept of logistics
- Understand the logistics management
- Develop proficiency in understanding logistics strategies
- Develop the skill of effectively outsourcing logistics

SYLLABUS

UNIT – I (10 Hours)

Logistics Framework: Concept, Objective and Scope, Transportation, Warehousing, Inventory Management, Packing and Unitization, Control and Communication.

UNIT – II (10 Hours)

Role of Information Technology in Logistics, Logistics Service Firms and Third Party Logistics outsourcing- challenges and future directions.

UNIT – III (14 Hours)

Retail Logistics Network Design for Global Operations: Global Logistics Network Configuration, Orienting International Facilities, Considerations and Framework, Trade-offs Associated with each Approach, Mapping the Different Approaches, Capacity Expansion Issues, Information Management for Global Logistics

UNIT – IV (11 Hours)

Role and importance, Factors influencing transportation and warehousing decision, Importance of Multimodal Transport and containerization, Cost effectiveness of various modes of transport and types of warehouses.

Essential/recommended readings

1. Chopra, S. & Meindl, P. (2007). Supply Chain Management: Strategy, Planning and Operation, Pearson Education.
2. David J Bloomberg, Stephen Lemay, (2015) Logistics 8th edition, Pearson Education.
3. Hult, M. G., Closs, D., Frayer, D. Global (2014). Supply Chain Management: Leveraging Processes, Measurements, and Tools for Strategic Corporate Advantage. Mc Graw Hill Ltd.

Suggestive readings

4. Shapiro, J.F. (2007). Modelling the Supply Chain, Cengage Learning.
5. Simchi-Levi, D., Kaminsky, P., Simchi-Levi, E. & Ravi, Shankar (2008). Designing and Managing the Supply

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

Bachelor of Vocation - Retail Management & IT course
Undergraduate Curriculum Framework 2022(UGCFT)

DISCIPLINE SPECIFIC CORE COURSE –DSC-14 Supply Chain Management

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

| Course title & Code | Credits | Credit distribution of the course | | | Eligibility criteria | Pre-requisite of the course(if any) |
|---------------------------------------|---------|-----------------------------------|----------|--------------------|----------------------|-------------------------------------|
| | | Lecture | Tutorial | Practical/Practice | | |
| DSC- 14 Supply Chain Management | 4 | 3 | 1 | 0 | N/A | N/A |

Learning Objectives

The course aims to provide basic understanding of supply chain management.

Learning outcomes

By studying this course, students will be able to:

- Have knowledge of supply management systems
- Have in-depth understanding of cross functional teams and supply management, information sharing
- Develop proficiency in quality management concepts
- Understand the importance of supply chain in retail.

SYLLABUS

UNIT – I (14 Hours)

Introduction to supply chain management; global optimization; future trends in supply chain management; increasing supply chain responsiveness, Procurement Process and sourcing decision; procurement process perspective, strategies & trends in procurement, The sourcing decision and strategies, E- Procurement, risk and benefits of outsourcing.

UNIT – II (12 Hours)

Supply management systems: B2B, Strategic Supply Management. Enabling Concepts in Supply: Buyer-supplier relationship: Developing and Managing collaboration and Alliance relationship, Social issues & Relationship development in S.C.M.

UNIT – III (10 Hours)

Cross-functional teams and supply-Management Activities. Challenges and problems with cross functional approach, ERP Systems, Negotiations and Bidding, Information sharing.

UNIT – IV (9 Hours)

Quality Management Concepts: ISO Certification. Methods of Control: Product, Process, Risk, Evolution, Management Approaches, Quality Management Support System.

Essential/recommended readings

1. Chopra S, Meinde P & Kalra D.V. (2009) SCM-Strategy Planning & Operation, 3rd Edition, Pearson Education.
2. Fawcett, Ellram & Ogden (2007) Supply Chain Management, From Vision to Implementation, Pearson education.

Suggestive readings

1. Render Barry, Stair, Hanna & Badri (2008) Quantitative Analysis for Management, 10th Edition, Prentice Hall.
2. Saxena Anurag & Kaushik Sircar (2008) Logistics and SCM, Jaico Publishing House, 2008
3. Vohra N.D. (2006) Quantitative Techniques in Management, 3rd edition, McGraw Hill 2006

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DISCIPLINE SPECIFIC CORE COURSE –DSC-15 Packing and Packaging Management

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

| Course title & Code | Credits | Credit distribution of the course | | | Eligibility criteria | Pre-requisite of the course(if any) |
|--|---------|-----------------------------------|----------|--------------------|----------------------|-------------------------------------|
| | | Lecture | Tutorial | Practical/Practice | | |
| DSC-15 Packing and Packaging Management | 4 | 3 | 1 | 0 | N/A | N/A |

Learning Objectives

The course aims to provide knowledge to differentiate packaging and packing.

Learning outcomes

By studying this course, students will be able to:

- Get an overview of types of packaging
- Develop basic understanding of packing considerations
- Have an understanding of different materials used for packing
- Develop proficiency in managing the economics of packaging

SYLLABUS

UNIT – I (12 Hours)

Packing and Packaging: Meaning, Functions and Essentials of Packing and Packaging. Difference, Types of packing: for Storage, Overseas Shipment, Inland Transportation, Packaging for Product content Protection, Test of packaging: Mechanical, Climatic & Lab test, International Care labeling code, Packaging cost.

UNIT – II (12 Hours)

Packaging Types, Requirements of Consumer Packaging, Channel Member Packaging and Transport Packaging, Shrink packaging, Identification codes, bar codes, and electronic data interchange (EDI), Universal Product Code, GSI Standards.

UNIT – III (12 Hours)

Packaging/Packing Materials & Components: Various Materials/Metals, Packaging Demands of Consumer goods Industry, Packaging Demands of Industrial Users, Technology Trends in Packaging Industry, Aseptic processing, Authentication, Automatic identification and data capture.

UNIT – IV (9 Hours)

Packaging Economics: Packaging Cost Vs Product cost, Cost Reduction in Packaging, Packing for Inventory Control, Value Analysis, Packing and Value Engineering, Standardization in Packaging, Quality assurance, Radio- frequency identification, Track and trace.

Essential/recommended readings

1. Calver, G. (2003) 'What Is Packaging Design', Rot vision.
2. Dean, D. A. (2000) 'Pharmaceutical Packaging Technology' Taylor & Francis.
3. McKinley, A. H. (2004) 'Transport Packaging', IoPP.

Suggestive readings

1. Scott Boylston (2009) Designing Sustainable Packaging, Lawrence King.
2. Soroka, W (1995) 'Fundamentals of Packaging Technology', IPP.

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