B. Com (Hons.) (Accounting and Taxation)

DISCIPLINE SPECIFIC COURSE (DSC)
SEMESTER VIII
(BCB44805T): LOGISTICS MANAGEMENT

Max. Marks: 100
External: 70
Internal: 30
Pass: 40%
Credits: 4

Objectives:

The course aims to achieve following objectives

1. To impart conceptual knowledge of Logistics and Supply chain management

2. To acquaint students with the Inventory Management

3. To help students gain knowledge of relationship between E-Commerce and Logistics and supply chain management

Course Outcomes:

CO1	Learners will have the basic understanding of concepts of logistics and supply chain management
CO 2	Learners will familiarize with the key activities performed by the logistics function.
CO 3	Analyse common distribution-related issues and challenges faced by businesses and Develop strategies to overcome these challenges.
CO 4	Measure supply chain performance using various dimensions and tools.

SECTION A

Block 1: Introduction to Logistics Management

Logistics: Evolution, Objectives, Components and Functions of Logistics Management, Distribution Related Issues and Challenges; gaining competitive advantage through Logistics Management, Transportation- Functions, Costs, and Mode; Network and Decision, Containerization, Cross docking.

Transportation: Transportation Infrastructure; Transport Functionality, Principles & Participants, Regulations, Transport Structure, Transport Service, Transport Operations; Transport Economics and Pricing, Transportation Administration, Documentation.

Block 2: Supply Chain Management,

Supply Chain : Concepts: Objectives of a Supply Chain, Stages of Supply chain, Value Chain Process, Cycle view of Supply Chain Process, Key issues in SCM, logistics & SCM, Supply Chain Drivers and obstacles, Supply chain strategies, strategic fit, Best practices in SCM, Obstacles of streamlined SCM.

SECTION B

Block 3: Dynamics of SCM and Supply Chain Performance

Dynamics of supply chain: Supply Chain Integration, Push-based, Pull-based and Push, Pull based supply chain, Demand Forecasting in a Supply Chain, Managing inventory in SC environment: Transportation in SC environment. Strategic Alliances, Third party and fourth party logistics, Retailer- Supplier partnerships (RSP), Supplier evaluation and selection, Use of best practices And Information Technology (IT) in Supply Chain Management.

Supply Chain Performance: Introduction, Bullwhip effect and reduction, Performance measurement: Dimension, Tools of performance measurement, SCOR Model. Demand chain management, Global Supply chain Challenges in establishing Global Supply Chain, Factors that influences designing Global Supply Chain Network.

Block 4: Recent trends in Logistics and Supply Chain Management

Recent trends in Logistics and Supply Chain Management, Logistics Information System: Concept of Logistics Information System (LIS), Importance of LIS, Principles of designing LIS, Logistics Information Architecture, Application of Information Technology in Logistics and Supply Chain Management, Requirements of Logistics in E-Commerce, E-Logistics Structure and Operation.

Suggested Readings:

1. Ayers, J. B. (2006). *Handbook of supply chain management* (2nd Ed.). Florida: Auer Bach Publication.

2. Ballou, R. H., & Srivastava, S. K. (2008). *Business logistics/ supply chain Management* (5th Ed.). New Delhi: Pearson Education.

3. Chopra, S., & Meindl, P. (2007). *Supply chain management: Strategy, planning and operation* (3rd ed.). New Delhi: Pearson Education.

4. Coyle, J. J., Bardi, L. J., & Langley, C. J. (2008). *The management of business Logistics* (7th Ed.). USA: South-Western.