

**UNIVERSITY OF MADRAS**  
**B.COM. DEGREE PROGRAMME IN CORPORATE SECRETARYSHIP**  
**SYLLABUS WITH EFFECT FROM 2023-2024**

**FIRST YEAR – SEMESTER - I**

**SKILL ENHANCEMENT COURSE - SEC1**

**B. LOGISTICS MANAGEMENT**

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
118S1B	2				2	2	25	75	100
<b>Learning Objectives</b>									
<b>LO1</b>	To provide an opportunity to learn the fundamentals of logistics								
<b>LO2</b>	To Understand the components and competitive advantages of logistics								
<b>LO3</b>	Learn the concepts of supply chain management								
<b>LO4</b>	Understand the technology in wear housing								
<b>LO5</b>	To acquire knowledge on material handling, demand forecasting								
<b>Prerequisites: Must have studied commerce in XII</b>									
Unit	Contents								No. of Hours
I	Concepts Of Logistics – Evolution – Nature and Importance Logistics — Logistics System Fundamentals Transport System: Railway, Road, Air, Waterways, Pipe Lines, Animals And Animal Driven Vehicles – Economics Of Transportation – Stocking Policies – Storage And Handling Capacities – Warehousing								6
II	Components of Logistics Management- Competitive advantages of Logistics Functions of Logistics management –Principles – Logistics Network-Integrated Logistics system.								6
III	Supply chain management –Nature and Concepts – Value chain- Functions – Supply chain effectiveness – Outsourcing –3PLsand4PLs– Supplychainrelationships–Customerservices								6
IV	Elements of Logistics and Supply chain management – Inventory carrying – Ware housing, Technology in the ware house: Computerisation, Bar coding, RFID and WMS								6
V	Material handling, Concepts and Equipment: Automated Storage and Retrieval Systems– Order Processing – Transportation – Demand Forecasting – Impact of Forecasts on Logistics and Supply chain Management-Performance measurements.								6
<b>TOTAL</b>									<b>30</b>

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CO	Course Outcomes
CO1	Understand the basic concepts of Logistics
CO2	Identify the opportunities in the field of logistics
CO3	Exploring the value chain functions and supply chain relationships
CO4	Learning the technology related to logistics
CO5	Analyse the storage and order processing procedures and forecasting techniques
<b>Reference Books</b>	
1	John J. Coyle, C. John Langley, JR., Robert A. Novack, Brian J. Gibson – Supply Chain Management A Logistics Perspective – ENGAGE, New Delhi
2	Joel D. Wisner, Keah-Choon Tan, G. Keong Leong – Principles of Supply Chain Management A Balanced Approach – CENGAGE, New Delhi
3	Agarwal, D.K., 'Textbook of Logistics and Supply Chain Management', MacMillan India Ltd, 2003.
4	Chase, R.B., Shankar, R. and Jacobs, F.R. 'Operations Management and Supply Chain Management', McGraw Hill Publications, 13 <sup>th</sup> edition, 2018.
5	Chopra, S., Meindl, P. and Kalra, D.V. 'Supply Chain Management', Pearson Education India, 6 <sup>th</sup> edition, 2016.
<b>NOTE: Latest Edition of Textbooks May be Used</b>	
<b>Web Resources</b>	
6	<a href="http://www.managementstudyguide.com">www.managementstudyguide.com</a>
7	<a href="https://www.tutorialspoint.com/supply_chain_management/supply_chain_management_tutorial.pdf">https://www.tutorialspoint.com/supply_chain_management/supply_chain_management_tutorial.pdf</a>
8	<a href="https://library.ku.ac.ke/wp-content/downloads/2011/08/Bookboon/Management%20andOrganisation/fundamentals-of-supply-chain-management.pdf">https://library.ku.ac.ke/wp-content/downloads/2011/08/Bookboon/Management%20andOrganisation/fundamentals-of-supply-chain-management.pdf</a>
9	<a href="https://www.youtube.com/watch?v=PmR2SKeY9Ms&amp;list=PLGit8yny_3ANzZMsJJjeuxMg-S0f0hGcn">https://www.youtube.com/watch?v=PmR2SKeY9Ms&amp;list=PLGit8yny_3ANzZMsJJjeuxMg-S0f0hGcn</a>