

<b>PROGRAM</b>	<b>Bachelors of Commerce (Hons)</b>
<b>SEMESTER</b>	<b>VI</b>
<b>COURSE TITLE</b>	<b>Logistics &amp; Supply Chain Management</b>
<b>COURSE CODE</b>	<b>04CH0641</b>
<b>COURSE CREDITS</b>	<b>04</b>
<b>COURSE DURATION</b>	<b>48Hrs (48 sessions of 60 minutes each)</b>

**COURSE OUTCOMES:**

- To understand the how does the supply chain management become the part of value chain
- To understand and apply the concept of cost analysis
- To understand the concept of lead-time management
- To understand the importance of product design and its related complexity
- To develop the vision related to managing supply chain networks.

**Teaching and Examination Scheme**

Teaching Scheme (Hours)			Credits	Internal Marks (50%)		End-Semester Examination (50%)			Total Marks
Theory	Tutorial	Practical		IA	CSE	Theory	Practical/Viva	Term Work (TW)	
4	0	0	4	30	20	50	0	0	100

**Course Contents:**

Unit No	Unit/Sub-unit	Sessions
I	<b>Key Concepts of supply chain Management Logistics, the supply chain and competitive strategy</b> Supply chain management is wider concept then logistics, competitive advantage, the supply chain becomes the value chain, the mission of the logistics management, delivering customer value, what is customer service, the impact of out of stock, customer service and customer retention, market driven supply chains, defining customer service objectives, distribution channels are value delivery systems, the omni- channel revolution Omni channel retailing.	10
II	<b>Measuring logistics cost and performance</b> logistics and the shareholder values, logistics cost analysis, the concept of total cost analysis, understanding the cost-to-serve, customer profitability analysis, the lead time gap, improving visibility of demand supply chain fulcrum forecast for capacity execute against demand, Demand management and planning, collaborative	10

	planning and forecasting replenishment.	
III	<b>Responsive supply chain</b> Using the volume variability matrix, product push versus demand pull, the Japanese philosophy, the agile supply chain, time based competition, the concept of lead time, logistic pipeline management reducing logistic lead time. The role of information in the virtual supply chain.	10
IV	<b>Service logistics</b> Buying performance, the trend to servitisation, service supply chain processes, managing risk in the supply chain, the new organizational paradigm, supply chain orchestration from 3PL to 4 PL, developing the logistics organization.	10
V	<b>Supply chain Activity</b> Student should select local or multinational enterprise understand their current supply chain management develop strategies in order to overcome the current barriers of the particular organization related to supply chain and logistics in submit a detailed report.	08

**Text Books:**

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication
T-01	Martin Christopher	Logistics and supply chain management	FT Publishing International	5 <sup>nd</sup> Edition
T-02	Sunil Chopra, Peter Meindl & D.V. Kalra	Supply Chain Management	Pearson Education India	6 <sup>th</sup> Edition
T-03	Janat Shah	Supply Chain Management	Pearson Education India	2 <sup>nd</sup> Edition
T-04	John J. Coyle, Jr. C. John Langley, Robert A. Novack, & Brian J Gibson	Supply Chain Management: A Logistics Perspective	Cengage Learning India	10 <sup>th</sup> Edition
T-05	David Simchi-Levi & Philip Kaminsky	Designing and Managing the Supply Chain	McGraw Hill Education	3 <sup>rd</sup> Edition

**Reference Books:**

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication
R-01	Yann Bouchery Charles J. Corbett Jan C. Fransoo	Sustainable Supply Chains	Springer International Publishing	1 <sup>ST</sup> Edition

	Tarkan Tan			
<b>R-02</b>	Sandra Meta Tandler	Supply Chain Safety Management	Gabler Verlag, Springer Fachmedien Wiesbaden	1 <sup>st</sup> Edition
<b>R-03</b>	Syed Abdul Rehman Khan & Zhang Yu	Strategic Supply Chain Management	Springer International Publishing	1 <sup>st</sup> Edition
<b>R-04</b>	Alan Harrison, Remko Van Hoek, Heather Skipworth	Logistics Management and Strategy ePub	Pearson Publishing	06 <sup>th</sup> Edition
<b>R-05</b>	Turan Paksoy, Cigdem Gonul Kochan & Sadia Samar Ali.	Logistics 4.0: Digital Transformation of Supply Chain Management	Routledge & CRC Press	1 <sup>st</sup> Edition