

Prerequisites for the course	A core course in Production Operations Management	
<u>Objective:</u>	To impart knowledge and understanding on Supply Chain Management and its relevance to today's business decision making..	
<u>Content:</u>	<p>Supply Chain Management - Introduction – SCM decisions and skills – Strategy formulation in SCM – Value in Supply Chain – Tradeoffs – CRM Strategy relationship matrix</p> <p>Strategic Sourcing – Source evaluation – collaborative perspective – Buyer Supplier Relationship – Partner Selection – develop of Partnership – importance of inventory – imbalances – uncertainties – inventory costs – inventory turnover ratio</p> <p>Transportation Selection – Tradeoff – modes of transportation – models for transportation and distribution – factors affecting network effectiveness –Indian transport infrastructure – IT solutions – EDI, e-Commerce, eProcurement – Bar Coding and RFID technology</p> <p>Reverse Vs forward supply chain collaborative SCM's and CPFR – agile systems – sources of variability– supplier interface – internal processes</p> <p>Supply Chain Management and profitability – quality management – mass customization and globalization – ethical Supply Chains – e-business and SCM</p>	<p>3 Hours</p> <p>7Hours</p> <p>5 Hours</p> <p>5 hours</p> <p>4 hours</p>
<u>Pedagogy:</u>	Lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study/ Case Studies etc. or a combination of some of these. Sessions shall be interactive in nature to enable peer group learning.	
<u>References/Readings</u>	<ol style="list-style-type: none"> 1. Mohanty R.P, S.G Deshmuki "Supply Chain Management" Biztantra, New Delhi, Latest Edition 2. Janat Shah, Supply Chain Management – Text and Cases, Pearson Education, Latest Edition 	
Learning Outcomes	An ability to use supply chain tools and take decisions related to supply chain management	