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Semester	III	Specialization	Supply Chain Management
Course Code	306SCM	Type	Subject Core
Course Title	Logistics Management		

Course Objectives:	
1	To make students understand the role and importance of logistics in modern day economy.
2	To discuss the relationship between logistics and other functional areas.
3	To analyze logistics systems from different perspectives to meet desired corporate objectives.

### Syllabus:

Unit Number	Contents	Number of Sessions
1	<b>Context of Logistics:</b> Introduction, definitions, logistics in the economy a macro perspective, aim of logistics, activities of logistics, value added role of logistics	5 + 1
2	<b>Logistics in the firm:</b> Micro dimensions of logistics, interface with operations, manufacturing, marketing, supply chain, Problems with fragmented logistics, Integrating logistics within an organization, integrating logistics along the SC,	7 + 2
3	<b>Approaches to analyzing logistics systems:</b> Materials Management v/s physical distribution, Cost centers, nodes v/s links, logistics channel, cost perspective & level of optimality, short run or static analysis, long run or dynamic analysis	8 + 2
4	<b>Logistics Relationships:</b> Types of relationships, Competitive relationship, product relationship, spatial relationship, intensity of involvement, logistics outsourcing activities – concept & types of 3PL, 4PL, need for collaborative relationships	7 + 2
5	<b>Service Response Logistics:</b> Overview of service Operations – service productivity, global service issues, service strategy development, service delivery systems, service location & layout, primary concerns of service response logistics – service capacity, waiting times, distribution channels, service quality	8 + 3

Learning Resources:		
1	Text Books	The Management of Business Logistics by Coyle, Bardi, Langley, Cengage

		<p>Learning India Ed, 7<sup>th</sup> Edition.</p> <p>Logistics – An introduction to SCM by Donald Waters, Palgrave Macmillan, 1<sup>st</sup> Edition</p> <p>Principles of SCM – A Balanced Approach by Wisner, Leong, Tan , Cengage Learning India Ed., 1<sup>st</sup> Edition</p>
2	Reference Books	Logistics and Supply Chain Management: Cases and Concepts by Raghuraman and Rangaraj, Macmillan Business Books
3	Supplementary Reading Material	Business Logistics: Management of Physical Supply and Distribution, Heskett, Ivie and Glaskowsky, Ronald Press, New York.
4	Websites	<p><a href="http://www.logisticsmgmt.com/">http://www.logisticsmgmt.com/</a></p> <p><a href="http://www.asianclm.com/">www.asianclm.com/</a></p>
5	Journals	<p>Principles Of Logistics Management by Payne, Stanley L.; Kramer, Walter H., Journal of Marketing, Apr1967, Vol. 31 Issue 2,</p> <p>The Principles of Logistics Revisited by Voorhees, Roy Dale; Sharp, Merrill Kim., Transportation Journal (American Society of Transportation &amp; Logistics Inc), Fall78, Vol. 18 Issue 1,</p> <p>A Survey of Third-party Logistics (3PL) Service Providers in India by Mitra, Subrata., IIMB Management Review , Jun2006, Vol. 18 Issue 2</p> <p>The Emerging Role of the Third-Party Logistics Provider (3PL) as an Orchestrator by Zacharia, Zach G.; Sanders, Nada R.; Nix, Nancy W., Journal of Business Logistics, 2011, Vol. 32 Issue 1</p> <p>Selection process in logistics outsourcing - a view from third party logistics provider by Yee Ming Chen; Meng-Jong Goan; Pei-Ni Huang., Production Planning &amp; Control, Apr 2011, Vol. 22 Issue 3</p>