

MBAS 519: FUNDAMENTALS OF LOGISTICS MANAGEMENT

Workload	: 4 hours per week. - Total credits: 4
Examination	: 3 hours, 30 marks continuous evaluation and 70 marks final examination
Objectives	<ol style="list-style-type: none">1.To describe the customer service in logistics management.2.To study the procurement and outsourcing in the context of logistics.3.To study the importance of inventory management in the supply chain.4.To describe inventory management in Logistics management.5. To study the e-business solutions for supply chain.6.To study the transport economy.7.To study the role of Technology and Logistics information system.
Course Outcome	After completion of the course the students will be able to: <ol style="list-style-type: none">1.Understand the significance of customer service in logistics management.2.Evaluate procurement and outsourcing in the context of logistics.3.Identify with the evolving Technical factors that make logistics critical for the success of a business.4.Understand a fresh perspective of inventory management in Logistics management.5. Able to provide e-business solutions for supply chain.6. Able to plan and manage logistics resource management.7. Able to use Technology and Logistics information system.
Pedagogy	: Lectures, assignments, practical exercises, discussions, seminars.

Module 1: Introduction: A paradigm shift, definition, scope, customer value chain, functions of logistics, logistics for business excellence, objectives of logistics management, role logistics in the economy/organization, logistics solution and future.

Module 2: Logistics and customer service: Elements of customer service, phases in customer service, customer retention, Customer service for competitiveness, service attributes, value added logistical service.

Module3: Supply Chain Management: Meaning, supply chain linkage, role of logistics in supply chain, Mapping the supply chain, e-business solutions for supply chain.

Module 4: Procurement and outsourcing: Product categorization, making or sourcing decisions, Logistics outsourcing, Outsourcing– value proposition, benefits of logistics outsourcing, critical issues in logistics outsourcing.

Module 5: Inventory Management: Role, importance and functions of inventory, importance of inventory management in the supply chain, costs in inventory, reasons for carrying inventories, need for inventory control and problems in inventory control. inventory control techniques, inventory planning models

Module 6: Logistics delivery and fulfilment: types of packaging, functions of packaging, types of packaging material, utilization, palletization, and containerization, marine, air, surface (rail & road), ports, harbours, docks and terminals, transport economics, documents in transport decision making.

Module 7: Technology and Logistics information system: Technology: role of technology, automatic identification technology, communication technology, automated material handling, warehouse simulation, information technology. Logistics information system: logistics information needs, designing logistics information system, desired characteristics of logistics information system.

Module 8: E-commerce logistics: a new way of shop and pay, e-commerce requirements on logistics, logistics-the backbone of e-commerce, e-logistics structure and operation, logistics resource management.

Reference Books::

1. Wood D.F., A. P. Barone, P. R. Murphy, D.L. Lardlow, International Logistics, 2nd Ed., AMACOM, New York, 2002.
2. E H Frazelle, Supply Chain Strategy, Tata McGraw Hill, New Delhi,
3. Kapoor, S., and PurvaKansal, Marketing Logistics – A Supply Chain Approach, Pearson Education, New Delhi, 2002.
4. Sunil Chopra, PeterMendl, Supply chain Management, Pearson Education, New Delhi, 2004.
5. Christopher Martin, Logistics and Supply Chain Management: Strategies for Reducing Cost and Improving Service, 2nd Ed., Person Education, New Delhi, 2004
6. Douglas M Lambart, James R Stock, Lisa M Ellram, Fundamentals of Logistics Management, McGraw Hill, New York 2004.
7. Vinod V Sople, Logistics Management, Pearson India 2013.

