

SEMESTER - III

LOGISTICS AND SUPPLY CHAIN

FUNDAMENTALS OF LOGISTICS	WAREHOUSING & DISTRIBUTION OPERATION
<ol style="list-style-type: none">1. History of Logistics Need for logistics2. Logistics Cost3. Logistics optimization4. Elements of Customer Service5. Procurement and Outsourcing6. Benefits of Logistics Outsourcing7. Global Supply Chain8. Forces driving Globalization9. Modes of Transportation in Global Logistics10. Financial Issues in Logistics Performance11. Role of 3PL&4PL12. Warehouse13. Transportation14. E-Commerce15. Brief on EXIM/FF & CC16. Supply chain17. Liquid Logistics	<ol style="list-style-type: none">1. Introduction to Warehouse2. Types of Warehouses3. Warehouse Organization Structure4. Receiving and Dispatch of Goods in warehouse5. Stages involved receipt of goods6. Formats for recording of goods7. Generation of goods receipt note using computer8. Storage location codes and its application9. Procedure to Prepare Warehouse dispatches10. Warehouse Activities11. Quality check12. Procedure to develop Packing list13. Cross docking method14. Warehouse Management15. Inventory Management of a warehouse16. Distribution17. Channels of distribution18. Familiarization with the industry. Health, Safety19. 5S Concept on shop floor

FREIGHT FORWARDING (OCEAN AND AIR CARGO)	SURFACE TRANSPORTATION
<ol style="list-style-type: none"> 1. Freight forwarding and custom clearance 2. ICEGATE and insurance 3. Regulations pertaining to custom clearance 4. Process of freight forwarding 5. Multimodal transportation 6. Customer acquisition and management 7. Stages of Documentations process 8. Details of documents as per the format approved by the Customs 9. Operation Procedures of Freight Forwarding 10. List of basic handling of errors 11. Procedure for checking of shipping bill 12. Regulations (EXIM/IATA/Countries) 13. Cargo handling 14. Importer and exporter Code (IEC), 15. Business Identification Number 16. Different type of Cargo 17. Inspection procedure for the cargo 18. Freight Forwarding process 19. Procedure for dealing with loss or damage 20. Letters of Credit and payment Terms. 	<ol style="list-style-type: none"> 1. Role of transportations in logistics 2. Various land transport carriers 3. Docking procedure and safety steps 4. Documentation for transportation 5. Vehicle tracking system 6. Solutions for corrective actions 7. Organisation structure in a Transport organization 8. Procedure for Consolidation of consignments for optimal loads 9. Checking insurance and claims 10. Benefits of efficient transportation systems 11. Safety procedures during transit and emergency 12. Procedure for tracking data from devices 13. Customer Management/ Vendor coordination 14. Suitability for different cargo 15. Facilities to popularize rail logistics in India

MIS FOR LOGISTICS

1. IT and management opportunities and challenges
2. Information management & IT Architecture
3. Virtualization and Virtual Machines
4. Database Technology
5. Business Intelligence & Analytics
6. Business IT networks & components
7. Business Control and Auditing
8. Dissemination of technology information
9. Analysis of alternative technologies
10. An introduction to Intellectual Property Right
11. Functional Area & Compliance systems
12. Enterprise Resource Planning (ERP)
13. Collaborative Planning, Forecasting, and Replenishment system (CPFR)
14. Performance Management
15. Business Process and Project Management
16. Software & Applications for management
17. ERP modules

SEMESTER – IV
LOGISTICS MANAGEMENT

COURIER, EXPRESS & PARCEL SERVICES	INPLANT LOGISTICS
<ol style="list-style-type: none"> 1. Types of consignments for shipment 2. Information on labels and handling instructions 3. consignments and destinations 4. consignment shipment operations (loading, handling, scheduling and documentation) 5. Customer declarations 6. verification of customer declarations and consignment package 7. Clarification procedure in case of discrepancies noticed 8. Generation of bill of lading / shipping bill for export 9. Hub spoke activities inbound and outbound activities 10.Types of consignments coming in the hub-spoke 11.Documentation activities in hub-spoke 12.Inspection process of inbound sorted and outbound consignments 13.Tracking and tracing; AWB 14.Essential time of arrival delivery 15.Customer satisfaction 16.quality, delivery time, costs 17.Weighment rate, cube scan 18.Diversion/LBW/Volumetric density of cargo 	<ol style="list-style-type: none"> 1. Introduction to Logistics in a manufacturing setup Manufacturing process 2. Basic activities of in-plant logistics 3. Job shop Production scheduling 4. Selection of products/ models/parts/ Team table/ Time table 5. Material flow 6. Vendor management 7. Inbound logistics 8. inventory management 9. stock counts, audits 10.Out bound logistics 11.Tooling, binding,creating, input process, output 12.After markets process 13.vendor coordination 14.Timely supply 15.pre delivery Inspection 16.Quality assurance, on time in full (OTIF)

DOCUMENTATION FOR EXPORTS AND IMPORTS

1. Basics of Exports.
2. Methods of Exporting
3. Procedure of obtaining IEC Number - RCMC (Registration Cum Membership Certificate)
4. Export Credit Guarantee Council (ECGC)
5. Documents related to goods
6. Documents related to Shipment.
7. Documents related to Payments
8. Documents related to Inspection
9. Documents related to Excisable Goods
10. Methods of receiving Payment
11. Instruments of Payments
12. Letter of Credit Pre-Shipment Finance
13. Post-shipment Finance
14. CENVAT - Duty Draw back
15. Quality Control and Clearance of Cargo
16. Procedure for Pre-Shipment Inspection
17. Customs Clearance OF export and import cargo
18. Types of cover issued by ECGC