

MBPC3038 INTERNATIONAL LOGISTICS (3-0-0)

Course Objective:

To explain the movement of cargo from the vendor to end-user across the globe.

To increase the value of the product.

To add value that includes improved quality and product accessibility across the world at optimal cost.

MODULE-I

Meaning and Significance of International Transportation- Role of transportation in the integrated logistics process, Basic principles of international transportation, Parties involved in international transportation, Significance of Transportation, Modes of International Transportation- Criteria for Selection of different modes of transportation, Multi-Modal Transportation. Freight costing and pricing- Classification of Costs associated with Transportation process, Cost Strategies, Factors affecting Transportation rate

Features, Types and Terminology- Features, Advantages, and Disadvantages of using sea mode, Classification of ships, Shipping Methods, Swage in Ship, Major Sea-routes around the world, Important Terminology, Freight, Parties, and Perils Associated with Sea Mode- Parties involved in sea mode of transportation- Ocean Freight- Types of Sea Freight, Calculation of Freight; Maritime Risks, Marine Insurance.

MODULE-II

Features, Types, and Terminology- Significant Features, Advantages and Constraints of Air transportation, Types of Carriers, Air Cargo Chain Operators, Legal Aspect of Carriage of Goods by Air; Freight Structure and \ organizational set up- ULD Concept, Air Cargo Tariff Structure- Air Freight Classification, Air Freight Calculation, Factors Affecting Air Freight Rates, Air Freight Consolidation, Role of IATA and TIACA in Air Cargo Industry.

Transportation by Rail and Road, Meaning of Land mode of transportation, International Road Transportation, International Road Network, Advantages and Constraints of International Road Transport, International Rail Transportation, Advantages and Constraints of International Rail Transport; Pipeline as a Mode of Transportation and Concept of Multi-modalism, Concept of Containerization.

MODULE-III

Export procedure in India, Import Procedure in India, Transport Documents, Mate Receipt, Bill of Lading – features and types, Air-way Bill, Lorry Receipt; INCOTERMS 2020; Packaging and Labelling for Exports- What is the packaging? Functions of Packaging, Labelling the export packages, Packaging for different modes of transportation, Rail Receipt.

MODULE-IV

Basic Concepts- Digital Documentation and smart contracts; Digital Trade Finance; Intelligent Transportation System; 5G and Connectivity; Autonomous and Electric Transportation; Cloud based international transportation management

Course Outcome:

CO1: Analyze International Transportation Systems and Modal Selection

CO2: Calculate Transportation Costs and Freight Charges

CO3: Execute Export-Import Procedures and Documentation

CO4: Integrate Digital Technologies in International Transportation

Books:

Ewan Roy, what is global supply chain management? by Trade Ready.

Altekar, supply chain management, and concepts PHI.

R.B. Handfield and E.L. Nochols, Jr. Introduction Supply Chain Management. Prentice-Hall.

4 Sunil Chopra and Peter Meindel. Supply Chain Management: Strategy, Planning, and Operation, Prentice Hall of India