

DSEI001 – International Trade Logistics

Masters of Commerce
Semester I
DSE – International Business
DSEI001- International Trade Logistics

Course Type/ Course Code	Course Title	Lectures	Tutorials	Practical	Credit	Pre-requisites
DSE-DSEI001	International Trade Logistics	3	1	0	4	NIL

Objective: The course is to provide students with a comprehensive understanding of the principles, practices, and strategic importance of logistics in the global trade environment. The course aims to equip learners with the knowledge and analytical skills required to manage international logistics operations effectively, including transportation modes, warehousing, packaging, inventory control, and containerization. Through real-world examples, case studies, and industry standards, the course prepares students to address logistical challenges and design efficient, compliant, and cost-effective trade logistics solutions.

Learning Outcomes: After the completion of the course, the learners will be able to:

- Explain the evolution and components of international trade logistics and their relevance in global commerce.
- Identify and categorize types of warehouses, material handling systems, and inventory control techniques.
- Apply packaging and labelling standards to meet international trade regulations and market preferences.
- Assess different transportation modes, shipping systems, and containerization processes in an international logistics context.

Contents:

Unit I (10 hours)

Genesis of international trade logistics, Importance of Logistics in International trade, Key players in international logistics, Logistics Performance Index, National Logistics Policy, 7R's of logistics, Materials Management

Unit II (11 hours)

Warehousing: Definition, purpose and Type of Warehouses; Free Trade & Warehousing Zones: Concept and Functions, the case of Jebel Ali Free Trade Zone and its role in GCC logistics, Elements of Material Handling; Principles of Material Handling; Types of Material Handling - Equipment; Factors Affecting choice of Material Handling Equipment, Inventory Control: Definition, Purpose and Types of Inventory Control

Techniques

Unit III (12 hours)

Need of Packaging in Trade Logistics; Packing vis-a-vis Packaging; Packaging and Transport Hazards; Packing List/ Packing Note; Precautions in Use of Packaging Materials; Kinds of Packaging; Labeling in International Trade; Considerations in Labeling for International Trade; Labels and Preferences for Colors, Numbers and Shapes; Labels as Promotional Tool; European Eco Label for Clothing and Textiles; Markings of Export Consignments; Types of Marking; Increasing Role of CE Marking

Unit IV (12 hours)

International Transportation Modes (Ocean, Air, Rail, Road); Shipping (Liner vs Tramp), Chartering, Intermodal, Unimodal and Multi modal Transportation; Evolution of Containerization, development of containerization in India; Types of Containers (as Per ISO), Types of containers; Palletization, ISPM-15, Standardization of pallets; Unitization; Dry ports – Inland Container Depot, Container Freight Station

Tutorial Exercise: Student would be required to assignment on the practices of logistics management of select companies. Further, they would be required to have comparative exposure on international transportation practices.

Suggested Readings:

- Khurana, P. K. (2014). Export Management. Galgotia Publishing Co.
- Singh, R. (2015). International Trade Logistics. Oxford University Press.
- National Logistics Policy in India (2022). *Invest India*, <https://www.investindia.gov.in/team-india-blogs/national-logistics-policy-india>
- Rapid progress made in improving logistics (2023). Press Information Bureau, <http://pib.gov.in/PressReleasePage.aspx?PRID=1957407>
- PM GatiShakti National Master Plan & National Logistics Policy (2024). https://eodb.dpiit.gov.in/PublicDoc/Download/Ll6aNqvl4tSdLwMK0_ppp_WHzA_eee_eee_
- Logistics Performance Index Reports (2023). *World Bank*, <https://lpi.worldbank.org/>
- Global Container Shortage – An opportunity for India (2021). Invest India, <https://www.investindia.gov.in/team-india-blogs/global-container-shortage-opportunity-india>

Note: Suggested readings will be updated by the Department of Commerce and uploaded on Department's website.