

# MBAS 520: CARGO AND FREIGHT 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"><li>1. To study Significance of transportation Logistics</li><li>2. To study the Railways, Roadways and Logistics Contours</li><li>3. To study the Air Cargo Logistics and Shipping and Ocean freight</li><li>4. To describe the Quality Control and Clearance of Cargo.</li><li>5. To study the Cargo Documentation required.</li><li>6. To study the Freight structure and practice.</li><li>7. To study the recent trends in cargo and freight management.</li></ol>
Course Outcome	After completion of the course the students will be able to: <ol style="list-style-type: none"><li>1. Explore freight transportation strategies to facilitate effective supply chain operations.</li><li>2. Evaluate the economic viability of various modes of transport</li><li>3. Able to formulate freight transportation strategies</li><li>4. Able to resolve problems in freight transportation and supply chain management.</li><li>5. Able to manage Quality Control and Clearance of Cargo.</li><li>6. Able to prepare, complete and get all Cargo Documentation.</li><li>7. Acquire the knowledge Freight structure and practice.</li></ol>
Pedagogy	: Lectures, assignments, practical exercises, discussions, seminars.

**Module 1: Introduction** –Significance of transportation Logistics- types of transportation- features of logistics transportation –participants in transportation decisions – transport infrastructure. Multi-modal transport: features– suppliers of transportation services – value – added services – ranking of carrier selection determinants. Modal Characteristics; Modal Comparisons; Legal Classifications; International Air Transport; Air Cargo Tariff Structure; Freight

**Module 2: Railways and Logistics Contours:** Features and facilities offered by Railways- Factors influencing growth in Rail Logistics- Suitability for different Cargo and distance Ranges segments – Innovative schemes/facilities to popularize rail logistics in India- Railway infrastructure in India and Freight movement- Share of Railways in Cargo movement in India and world-wide.

**Module 3: Roadways and Logistics Contours:** Roadways as a primary mode and complementary mode of transportation in Logistics – Features, Facilities and suitability- Innovations in road ways to make it Logistics friendly-Factors influencing choice- Suitability for different Cargo and distance Ranges segments –Innovative schemes/facilities to popularize rail logistics in India.

**Module 4: Air Cargo Logistics:** Introduction – Air freight operations – different types of aircraft advantages of air cargo - constraints in air cargo– air cargo tariff structure – IATA- e-Freight and EAWB.

**Module 5: Shipping and Ocean freight:** Introduction – role of shipping – different types of ships – shipping routes – role of Suez and Panama canals in ocean shipping – operating ships – development of liner and tramp trade – organization of a shipping company.

**Module 6: Quality Control and Clearance of Cargo:** Objective of Quality Control - Methods - Procedure for Pre-Shipment Inspection – Role of Clearing and Forwarding Agents – Role of Inspection Agents-Clearance of Cargo - Central Excise Clearance Procedure - Central Excise Clearance Option - Shipment of Export Cargo.

**Module 7: Freight:** Introduction – freight or tariff rates – freight rebates – factors involved in ratemaking. Freight structure and practice: Introduction – determinants of freight rates – contract of affreightments - sea freight – types of sea freight rates – conference liner staff – liner freight rebate system – liner freight rates – tramp rates – types of freight – ship owner’s lien for freight.

**Module 8: Cargo Documentation** Letter of Indemnity, Collecting Freight, Discharging Port Agent, Legal Principles of Charter Parties & Bills of Lading -Functions of Bill of Lading, Mate’s Receipt, Manifest. Port Community System and Ice Gate. List of Documents and Certificates Be On Board, Statement of Facts And Time Sheets, Port Agents And Law – Introduction, Practical Duties And Obligations.

**Reference Books::**

1. Logistics Management by Reji Ismail, Excel books, New Delhi
2. Transportation Management (Paperback) by Prof. S.K. Sarangi, Himalaya Publishing House
3. Global Cargo Management: Concept, Typology, Law and Policy, Prem Nath Dhar, Kanishka Publication
4. Logistics and supply chain management, P.Radhakrishnan , Allied publishers Ltd
5. Air freight: operations, marketing and economics / (by) Peter S. Smith ( Faber)
6. Air transport logistics by Simon Taylor (Hampton)
7. Carriage of goods by sea / John F. Wilson (Harlow : Longman)
8. Containerization / (by) J.R. Whittaker (Hemisphere ; Wiley)
9. Logistic Management and World Sea Borne Trade by MultiahKrishnaveni, Publisher:  
Himalaya Publication.
- 10.Kapoor, d. C. (2002) export management. Vikas publications: New Delhi.
11. Pawan, Kumar (2001) export of India’s major products problems and prospects. New century publications: New Delhi.

\*\*\*\*\*