

BA5056 TRANSPORTATION AND DISTRIBUTION MANAGEMENT

DETAILED SYLLABUS

OBJECTIVES

- To explore the fundamental concepts of transportation and distribution management
- To gain knowledge in network planning, routing and scheduling and application of IT in transportation and distribution management.

UNIT - I DISTRIBUTION

Role of Distribution in Supply chain, Distribution channels – Functions, resources, Operations in Distribution, Designing Distribution network models - its features - advantages and disadvantages.

UNIT - II PLANNING

Distribution network planning, Distribution network decisions, Distribution requirement planning (DRP)

UNIT - III TRANSPORTATION

Role of Transportation in Logistics and Business, Principle and Participants-Scope and relationship with other business functions, Modes of Transportation - Mode and Carrier selection, Routing and scheduling.

UNIT - IV TRANSPORTATION

International transportation, Carrier, Freight and Fleet management, Transportation management systems-Administration, Rate negotiation, Trends in Transportation.

UNIT - V INFORMATION TECHNOLOGY (IT)

Usage of IT applications -E commerce – ITMS, Communication systems- Automatic vehicle location systems, Geographic information Systems.

TEXT BOOKS

1. Raghuram and N. Rangaraj, Logistics and Supply chain Management – Leveraging Mathematical and Analytical Models: Cases and Concepts, New Delhi: Macmillan, 2000.
2. Janat Shah, Supply Chain Management, Pearson Education India, 2009.

Diploma, Anna University-UG, PG., HSC & SSLC

Notes
Syllabus
Question Papers
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REFERENCES

1. Sunil Chopra, Peter Meindl, Supply Chain Management: Strategy, Planning, and Operation, Pearson, 2010.
2. Michael B Stroh, Practical Guide to Transportation and Logistics, Logistics Network, 2006.
3. Alan Rushton, John Oxley, Handbook of Logistics & Distribution Management, Kogan Page Publishers, 2000.