

P.B.SIDDHARTHA COLLEGE OF ARTS &SCIENCE :: VIJAYAWADA-10..
 (An Autonomous college in the jurisdiction of Krishna University, Machilipatnam)
LOGISTICS SERVICES & PRACTICE

Semester:	VI	Credits :	4
Offered to	B.Com(General)	Course Code	COMSET09
Course Type	Core (Theory)	Year of Introduction	2022-23
Year of Revision:		Percentage of Revision:	
Hours Taught	75 hrs. Per Semester		
Course Prerequisites (if any):			

CO1:Upon successful Completion of the course the student will be able to
 CO2:Appraise the Principles of Logistics and its informatics.
 CO3:Examine the Financial Issues in Logistics sector performance.
 CO4:Describe basic EOQ model and ABC analysis.
 CO5:Determine warehouse safety rules, concepts of Retail Logistics and strategies of SupplyChain Management.

UNIT I: Introduction

Logistics - meaning - Principles of Logistics-Technology & Logistics - Informatics.
 Warehouse-Meaning - Types –Benefits of Warehousing. Transportation-Meaning - Types – Benefits. Courier/Express-Meaning- Courier Guidelines –Pricing in Courier - Express Sector forinternational and domestic shipping -Reverse logistics in e-commerce sector.

UNIT 2: Global Logistics

Global Supply Chain-Organizing for Global Logistics-Strategic Issues in Global Logistics
 -Forces driving Globalization- Modes of Transportation in Global Logistics Barriers to Global Logistics-Markets and Competition-Financial Issues in Logistics Performance.

UNIT 3: Inventory

Need of Inventory-Types of Inventories-Basic EOQ Model-Classification of material - ABC Analysis -VED, HML, - Material Requirement Planning (MRP)- meaning and AdvantagesMaterials handling and storage systems-Principles of Materials Handling.

UNIT 4: Ware housing & Distribution Operations

Need for Warehouse – Importance of warehouse- Stages involved receipt of goods- Advanced shipment notice(ASN)-Warehouse Activities-receiving, sorting, loading, unloading ,Picking, Packing and dispatch - safety rules and Procedures to be observed in a Warehouse.

Unit 5: Retail Logistics and Supply Chain Management

Concepts of Retail Logistics and supply chain- Supply chain efficiency-Fundamentals of Supply Chain and Importance - SCM concepts and Definitions - Supply chain strategy- Strategic Driversof Supply Chain Performance – key decision areas – External Drivers of Change.

Text Books:

1 Vinod V Sople (2009) Logistic Management (2ndEdn.) Pearson Limited

III References

1. Vinod V Sople (2009) Logistic Management (2ndEdn.) Pearson Limited.
2. Logistics Management for International Business: Text and Cases, Sudalaimuthu &Anthony Raj, PHI Learning, First Edition, 2009.

3. Fundamentals of Logistics Management (The Irwin / McGraw-Hill Series in Marketing), Douglas Lambert, James R Stock, Lisa M. Ellram, McGraw-hill/Irwin, First Edition, 1998.

IV. Co-Curricular Activities:

A. Mandatory: (*Student training by teacher in the related field skills:10 hrs*)

1. **For Teachers:** Shall give hands-on training to students (using actual field material) in classroom and field in operations of (specific unit/s) logistics sector with reference to material handling and storage processes, warehousing design and financial issues confronted in logistics sector.

2. **Students:** Visit any local logistics provider / local mart etc., observe and understand its operations, financial issues, material handling and storage processes, warehouse design and submit a hand written Fieldwork/Project work Report in the given format on the observations made to the teacher

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities:

1. Organize short term training on specific technical skills like Zoho, Fresh book, MS Excel....in collaboration with Computer Department or skill training institution (Government or Non-Government Organization).

2. Seminars/Conference/ Workshops on career opportunities in logistics sector, trends in logistics sector, Automation in the sector etc.

3. Real time work experience with logistics sector.

Arrange for Interaction with Area Specific Experts.