



Mohamed Sathak - Department of Management Studies (MS-DoMS)

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COURSE DELIVERY PLAN

(This document is to be presented to the students during the first week of commencement of classes by the course instructor)

Course Title: Principles and Practice of Logistics Management	Course Code:
Course Category: Elective	Semester: III
Total Duration (Hrs): 45	Credits: 3
Subject Expertise: Dr. C. Padmanaba Sivakumar Prof. Srikant Kapoor	

Program Specific Outcomes:

PSO1 – Placement: To develop students with industry specific knowledge & skills added with right attitude towards becoming a successful professional in corporate world and in Public sector units.

PSO 2 - Entrepreneur: To create effective business service owners, with a growth mindset by enhancing their critical thinking, problem solving and decision-making skills.

PSO3 – Research and Development: To instill and grow a mindset that focusses efforts towards inculcating and encouraging the students in the field research and development.

PSO 4 – Contribution to Business World: To produce ethical and innovative business professionals to enhance growth of the business world.

PSO 5 – Contribution to the Society: To work and contribute towards holistic development of society by producing competent MBA professionals.

Program Outcomes:

PO1: Problem Solving Skill: Application of tools & techniques relevant to management theories and practices in analyzing & solving business problems.

PO2: Decision Making Skill: Fostering analytical and critical thinking abilities for data-based decision making.

PO3: Ethical Value: Ability to develop value-based leadership attributes.

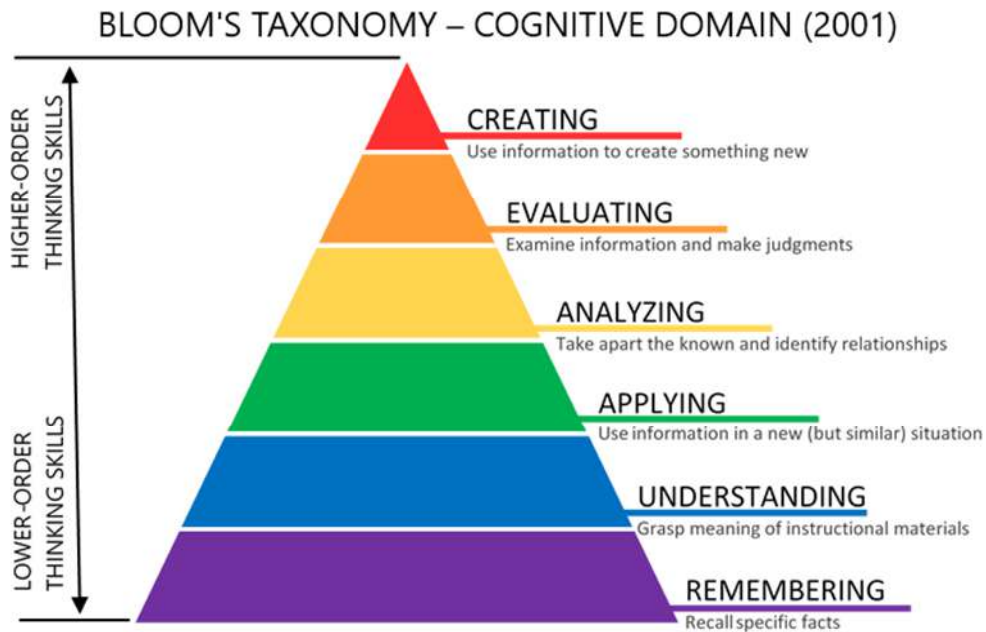
PO4: Communication Skill: Ability to understand, analyze and effectively communicate global, economic, legal and ethical aspects of business.

PO5: Individual and Team Leadership Skill: Ability to be self-motivated in leading & driving a team towards achievement of organizational goals and contributing effectively to establish industrial harmony.

PO6: Employability Skill: Foster and enhance employability skills through relevant industry subject knowledge.

PO7: Entrepreneurial Skill: Equipped with skills and competencies to become a global entrepreneur.

PO8: Contribution to Society: Strive towards becoming a global influencer and motivating future generation towards building a legacy that contributes to overall growth of humankind.



The Bloom's Taxonomy is to be followed in curriculum development, courseware development, planning and delivery of contents, Assessment, Mapping, Data Analysis and

Course Objectives	
C1	To create understand Logistics, the concept and functions of logistics
C2	To explore the element of logistics & Inventory
C3	To explore the functions of transportation warehousing and distribution
C4	To understand the operational need on effective logistic performance.
C5	To understand logistics cost and need for integration.

CQI (Continuous Quality Improvement)

MAPPING OF COs TO POs		
Course Outcomes	On completion of this course, students will;	Program Outcomes
CO1	Have familiar about concepts, evolution and functions of logistics management.	PO1, PO2
CO2	Be able to understand the elements of logistics, warehousing and material handling	PO1, PO2, PO3, PO8
CO3	Have better understanding about transportation, distribution, packaging etc	PO5, PO6, PO7
CO4	Possess better understanding and knowledge about integrated logistics and linguistic information system.	PO4, PO5
CO5	To understand logistics cost and need for integration in logistics facilities.	PO3, PO8

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	S	S						
CO2	M	S	S					S
CO3					M	M	M	
CO4				S	S			
CO5			S					S

S-Strong M-Medium L-Low

Reading List

1.	Journal of Logistics Management, ingenta.
2.	Periodicals of Engineering and Natural Sciences
3.	The International Journal of Logistics Management, emerald.
4.	Advances in Logistics and Supply Chain Management, springer.

References Books

1.	1st Edition Logistics Principles and Practice By Hessel Visser, 2007, Routledge.
2.	Logistics and Supply Chain Management by Saikumari V. (Author), Purushothaman S (Author), Sultan Chand.
3.	Logistics Management 1St Edn 2014 Edition by GANAPATHI AND NANDI, OXFORD
4.	Textbook of Logistics and Supply Chain Management Agarwal D K, Trinity publications, 2018.
5.	Logistics Management 3rd ED Paperback, 2012 by V.V Sople ,Pearson publication.

Methods of Evaluation

Internal Evaluation	Continuous Internal Assessment Test – Assignments, Seminars, Attendance and Class Participation	25 Marks
External Evaluation	End Semester Examination	75 Marks
Total		100 Marks

Methods of Assessment

BTL 1 - Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions
BTL 2 -Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview
BTL 3 - Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain
BTL 4 - Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge
BTL 5 - Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons
BTL 6 – Create (K6)	Check knowledge in specific or off beat situations, Discussion, Debating or Presentations

COURSE DELIVERY PLAN

Period / Session	Session Topic Unit wise	Pertaining CO/CLOs & BTL	Topic Learning Outcome (TLO)	Instructional Methods	Assessment Method for TLO
1	Unit – 1 Introduction Origin of Logistics management	CO1 & BTL2	Understand the origin of logistics management	Lecture / PPT	Discussion Forums
2	Evolution of logistics management	CO1 & BTL2	Comprehend the evolution of logistics management	Lecture / PPT	Discussion Forums
3	Nature and importance of logistics management	CO1 & BTL2	Understand why logistics management is important for today's businesses	Lecture / PPT	Discussion Forums
4	Components of Logistics	CO1 & BTL2	Comprehend the various components of logistics management	Lecture / PPT	Discussion Forums
5	Scope and functions of logistics management	CO 1 & BTL2	Understand the scope and functions of logistics management	Lecture / PPT	Discussion Forums
6	Components of logistics management	CO 1 & BTL2	Understand the various components of logistics management	Lecture / PPT	Discussion Forums
7	Concepts of logistics management	CO1 & BTL2	Understand the various concepts of logistics management	Lecture / PPT	Discussion Forums
8	Classification and significance of logistics management	CO1 & BTL2	Comprehend the methods used for classification and understand the significance of logistics management	Lecture / PPT	Discussion Forums
9	Competitive advantage of logistics & functions	CO1 & BTL2	Understand on how logistics has an competitive advantage in business functions	Lecture / PPT	Discussion Forums
10	Logistics network and integrated logistics system	CO1 & BTL2	Comprehend the logistics network and integrated logistics system	Lecture / PPT	Discussion Forums

11	CIA	-----	-----	----	Internal I
12	Unit II – Introduction Elements of logistics and inventory carrying methods	CO2 & BTL2	Understand the various elements of logistics and inventory carrying methods	Lecture <u>PPT</u>	Discussion Forums
13	Warehousing – types of warehouses and importance	CO 2 & BTL 2	Understand the importance of various types of warehouses and importance	Lecture PPT	Discussion Forums
14	Materials handling	CO 2 & BTL2	Understand the importance of materials handling	Lecture PPT	Discussion Forums
15	Order processing methods and importance	CO 2 & BTL 2	Comprehend how order is processed and executed	Lecture PPT	Discussion Forums
16	Transportation and its types in logistics	CO2 & BTL4	Analyse the various cost effective methods of transportation	Lecture / PPT	Discussion Forums
17	Demand forecasting in logistics	CO2 & BTL 5	Evaluate the various methods of demand forecasting	Lecture / PPT	Discussion Forums
18	Impact of forecasts on logistics performance measurements	CO2 & BTL 4	Analyse the forecasts and logistics performance measurements	Lecture / PPT	Discussion Forums
19	Impact of forecasts on logistics performance measurements	CO2 & BTL2	Analyse the forecasts and logistics performance measurements	Lecture / PPT	Students Presentation
20	CIA	-----	-----	----	Internal II
21	Unit III – Introduction Participants in transport decisions, modes of transport	CO3 & BTL 2	Comprehend how transportation decisions are taken with the various modes of transport	Lecture PPT	Discussion Forums
22	Factors influencing transport economics	CO 3 & BTL2	Understand the various factors that influence cost effective transport decisions	Lecture PPT	Discussion Forums
23	Documents involved in transport decision making	CO 3 & BTL2	Comprehend the various documents that are involved in transport decision making	Lecture PPT	Discussion Forums

24	Warehousing distribution functions of warehouse	CO 3 & BTL2	Understand how warehouse is utilised for distribution	Lecture PPT	Discussion Forums
25	Benefits of warehouse	CO 3 & BTL2	Comprehend the various benefits of warehouse	Lecture PPT	Discussion Forums
26	Warehouse site selection	CO 3 & BTL2	Understand how warehouse site is been selected	Lecture PPT	Discussion Forums
27	Factors to consider while selecting warehouse operations	CO 3 & BTL2	Comprehend the various factors while selecting warehouse operations	Lecture PPT	Discussion Forums
28	Warehouse management system	CO3 & BTL2	Understand the warehousing management system	Lecture PPT	Discussion Forums
29	CIA				Internal - III
30	Unit – 4 Introduction Packing and materials handling	CO4 & BTL2	Understanding the various types of packing and materials handling		
31	Functions of packaging	CO4 & BTL4	Analyse the various functions of packaging	Lecture PPT	Discussion Forums
32	Packaging cost	CO4 & BTL5	Evaluate the methods of calculating the packaging cost	Lecture PPT	Discussion Forums
33	Types of packaging materials	CO4 & BTL5	Evaluate the various types of packaging materials	Lecture PPT	Students presentation
34	Designing of packaging materials	CO4 & BTL2	Understand the methods used in designing of packaging materials	Lecture PPT	Students presentation
35	Role of Containerisation in logistics	CO4 & BTL2	Understand the importance of containerisation in logistics	Lecture PPT	Students presentation
36	Factors affecting the choice of packaging materials	CO4 & BTL5	Evaluate the various factors affecting the choice of packaging materials	Lecture PPT	Discussion Forums
37	Unit -5 Introduction Organisation of effective logistics performance	CO5 & BTL2	Understand how to organise an effective logistics performance	Lecture PPT	Discussion Forums

38	Centralized and de-centralized structures	CO5 & BTL2	Understand the role of centralized and de-centralized structure in logistics	Lecture PPT	Discussion Forums
39	Stages of functional aggregation in logistics organisation	CO5 & BTL2	Comprehend the stages of functional aggregation in logistics	Lecture PPT	Discussion Forums
40	Financial issues in logistics performance	CO5 & BTL4	Analyse the various financial issues in logistics management	Lecture PPT	Discussion Forums
41	Steps in ABC Costing	CO5 & BTL2	Understand the steps in Activity Based Costing	Lecture PPT	Discussion Forums
42	Financial gap analysis	CO5 & BTL4	Analyse the financial gap in logistics	Lecture PPT	Discussion Forums
43	Integrated logistics-need for integration	CO5 & BTL2	Comprehend the need for integrated logistics	Lecture PPT	Discussion Forums
44	Role of 3PL & 4PL in logistics	CO5 & BTL2	Understand the role of third party logistics and fourth party logistics	Lecture PPT	Discussion Forums
45	Principles of Logistics information systems	CO5 & BTL2	Comprehend the principles and use of Logistics information system	Lecture PPT	Discussion Forums
Model Examination					

COURSE ASSESSMENT PLAN

Continuous Internal Assessment (CIA)	Learning Outcome for Assessment	CO/CLOs	Assessment Method / Activity	Corrective Action	Duration (Hrs)	Weightage
Unit I	Have familiar about concepts, evolution and functions of logistics management.	CO1	Internal I	Assignment & Peer Review	1.5	15%
Unit II	Be able to understand the elements of logistics, warehousing and material handling	CO2	Discussion Forums & Practice Quiz	Assignment & Peer Review	1	10%
Unit III	Have better understanding about transportation, distribution, packaging etc	CO3	Internal II	Assignment & Peer Review	1.5	15%
Unit IV	Possess better understanding and knowledge about integrated logistics and linguistic information system.	CO4	Discussion Forums & Practice Quiz	Assignment & Peer Review	1	10%
Unit V	To understand logistics cost and need for integration in logistics facilities.	CO5	Model Exam	Assignment & Peer Review	3	50%
Internal Marks – 25 (20 CIA + 5 Attendance)						

FACULTY SIGNATURE

Head -DoMS

Head - IQAC