



**Lesson Plan**

**SUPPLY CHAIN & LOGISTICS MANAGEMENT**

**Program:** MBA

**Semester:** III

**Course Code:** KMBN OM01

**Course Name:** SUPPLY CHAIN & LOGISTICS MANAGEMENT

**Course Objectives:**

**CO1.** Components and processes of supply chain and logistics management

**CO2.** Drivers of Supply Chain & Creating Strategic Fit

**CO3.** Performance drivers of supply chain.

**CO4.** Understanding about logistics, transportation & warehousing.

**CO5.** Understanding the factors of Global Supply Chain.

Duration: 60 minutes

**Participants:** MBA3<sup>rd</sup>Sem Students

**Entry level knowledge and skills of students**

- i. Fundamentals of Supply Chain Management & Terminology

**Equipment required in Classroom/ Laboratory/ Workshop**

- i. Smart Board
- ii. Projector
- iii. Computer

**Assessment Schemes**

S. No.	Criteria	Marks (150)
1	AKTU End Term Examination	100
2	Internal Evaluation Scheme	50
2(a)	Class Tests	30
2(a)(i)	Class Test-I	15
2(a)(ii)	Class Test-II	15
2(b)	Teacher Assessment (Continuous Evaluation)	20
2(b)(i)	Attendance	5
2(b)(ii)	Case Study/Topic Based Presentation	5
2(b)(iii)	*GD	10
	*MCQ Based Assignment	2

**Course Outcomes** (starting with action-oriented observable and measurable verb)

CO 1: Apply the basic framework of Supply Chain Management and basic concepts in logistics K1 (Remember)

K2 (Understand) K3 (Apply)

CO 2: Knowledge about distribution, warehousing and its roles in strategic planning with supply chain K1

(Remember) K2 (Understand) K3 (Apply) K4 (Analyses)

CO 3: Competency to analyze and use inventory management methodologies and evaluate and select

transportation modes K4 (Analyses) K5 (Evaluate) K6 (Create)

CO 4: Assess the strategic role and impact of IT on supply chain integration K4 (Analyses) K5 (Evaluate)

CO 5: Knowledge about the latest trends in SCM and logistics K1 (Remember)

K2 (Understand) K3 (Apply)



L. No.	Topics	Sub Topics	Date of implementation	Pedagogy	CO-Covered	Faculty Sign	HoD's Remark with Date
<b>UNIT 1 - Supply Chain Concepts</b>							
1.	Objectives Stages of Supply chain, Value Chain Process	Objectives & Stages		Improved Lecture	CO1		
2.	Value Chain Process	Components of a Value Chain		Improved Lecture	CO1		
3.	Cycle view of Supply Chain Process & Key issues in SCM	Diagrammatic Illustration Difference between SCM & Logistics		Brain storming	CO1		
4.	logistics & Supply Chain Drivers	Key Drivers		Improved Lecture	CO1		
5.	Supply chain strategies, strategic fit	Organizations Applying Strategic		Case let	CO1		
6.	Best practices in SCM, Obstacles	Successful Organizations		Buzz Session	CO1		
<b>Unit 2 - Logistics</b>							
7.	Logistics Evolution	Logistics		Improved Lecture	CO2		
8.	Objectives, Components and Functions of Logistics Management	Logistics		Improved Lecture	CO2		
9.	Distribution related Issues and Challenges	Issues and Challenges		Brainstorming	CO2		
10.	Gaining competitive advantage through Logistics Management	How to differentiate		Improved Lecture	CO2		
11.	Transportation-Functions, Costs, and Mode	Transportation-Functions		Improved Lecture	CO2		
12.	Transportation-Functions, Costs, and Mode	Transportation-Costs		Improved Lecture	CO2		
13.	Transportation-Functions, Costs, and Mode	Transportation-Mode		Improved Lecture	CO2		
14.	Network and Decision, Containerization, Cross docking	What is Network		Improved Lecture	CO2		
15.	Network and Decision, Containerization, Cross docking	Containerization & Cross docking		Improved Lecture	CO2		
<b>Unit 3 - Supply Chain Performance</b>							
16.	Bullwhip effect and reduction	What is Bullwhip effect		Improved Lecture	CO3		
17.	Bullwhip effect and reduction	How the Bullwhip effect can be minimized		Presentation	CO3		
18.	Performance measurement Dimension	What is Performance measurement		Improved Lecture	CO3		
19.	Tools of performance measurement,	SCOR Model		Buzz Session	CO3		
20.	Global Supply chain	What is Global Supply chain		Improved Lecture	CO3		
21.	Challenges in establishing Global Supply Chain	Global Supply chain Challenges		Brainstorming	CO3		
22.	Designing Global Supply Chain	Global Supply chain Factors		Presentation	CO3		
23.	Supply Chain Network	Details		Improved Lecture	CO3		
24.	Case Study	Case Study		Brain storming	CO3		

**Unit 4 - Warehousing**

25.	Warehousing: Concept and types	Concept of Warehousing		Improved Lecture	CO4	
26.	Warehousing: Concept and types	Types of Warehousing		Case Study	CO4	
27.	Warehousing strategy	Strategy		Brain storming	CO4	
28.	Warehouse facility location & network design	facility & location		Improved Lecture	CO4	
29.	Warehouse facility location & network design	Network design		Improved Lecture	CO4	
30.	Reverse logistics	Reverse logistics		Case Study	CO4	
31.	Outsourcing- Nature and concept,	Outsourcing- Nature and concept,		Improved Lecture	CO4	
32.	Third party logistics (3PL), Fourth party logistics (4PL).	3PL & 4PL Concept & Difference		Brain storming	CO4	
33.	Case Study	Case Study		Brain storming	CO4	

**Unit 5 - Supply Chain and CRM**

34.	Supply Chain and CRM			Improved Lecture	CO4	
35.	Linkage, IT infrastructure used for Supply Chain and CRM	Linkage, IT infrastructure		Improved Lecture	CO5	
36.	Linkage, IT infrastructure used for Supply Chain and CRM	Supply Chain and CRM		Group Discussion	CO5	
37.	Functional components for CRM	Components for CRM		Group Discussion	CO5	
38.	Green supply chain management	What is GSCM		Group Discussion	CO5	
39.	Supply Chain sustainability	Sustainability		Group Discussion	CO5	
40.	Case Study	Case Study		Brain storming	CO5	

**Revision**

41.	Unit 1	Question Paper		Improved Lecture	CO1	
42.	Unit 1	Question Paper		Improved Lecture	CO1	
43.	Unit 2	Question Paper		Improved Lecture	CO2	
44.	Unit 2	Question Paper		Improved Lecture	CO2	
45.	Unit 3	Question Paper		Improved Lecture	CO3	
46.	Unit 3	Question Paper		Improved Lecture	CO3	
47.	Unit 4	Question Paper		Improved Lecture	CO4	
48.	Unit 5	Question Paper		Improved Lecture	CO4	
49.	Unit 5	Question Paper		Improved Lecture	CO5	

**Text Books:**

1. Chopra, Sunil, Meindl, Peter and Kalra, D. V.; Supply Chain Management: Strategy, Planning and Operation; Pearson Education
2. Bowersox D.J., Closs D.J., Logistical Management, McGraw-Hill

**Reference Books:**

3. Altekar, Rahul V.; Supply Chain Management: Concepts and Cases; PHI Learning Reference Books
3. Ballou, Ronald H.; Supply Chain Management; Pearson Education
4. Sahay, B.S.; Supply Chain Management; Macmillan
5. Ballou, R.H. Business Logistics Management. Prentice-Hall Inc.

**Journals:**

<http://troindia.in/journal/ijcesr/vol5iss5part5/1-4.pdf> at 18th August 2022 13:52

<https://www.sciencedirect.com/science/article/pii/S1877042812006520> 18th August 2022 13:58



**Electronic Database:**

<https://www.tradegecko.com/blog/supply-chain-management/incredibly-successful-supply-chain-management-walmart> at 18th August 2022 13:53

<https://www.dynamicinventory.net/coca-cola-supply-chain/at 18th August 2022 13:54>

<https://www.dynamicinventory.net/dell-supply-chain-strategy/at 18th August 2022 13:56>