



Kot Bhalwal, Jammu



Model Institute of Engineering
& Technology (Autonomous)
Course Handout

COURSE HANDOUT

Logistics & Supply Chain Management (BCMMI 605-A)

SEMESTER - 6TH

ACADEMIC YEAR (2024-25)

Dr. Vibhu johar

Assistant Professor Bachelor of Commerce



IET
FUTURE BEGINS HERE....

UG - School of Management

Model Institute of Engineering & Technology (Autonomous)

Kot Bhalwal, Jammu - 181122 www.mietjmu.in



Dr. Arun K. Gupta Teaching-Learning Centre

Version 1.1



Please Do Not Print Unless Necessary



S. No	Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
								Sessional	Final Exam	Total
1	BCMMI- 605 (A)	Logistics and Supply Chain Management	Minor	4	4	0	0	40	60	100

Course Outcomes:

At the end of the course the student will be able to: -	
CO1	Explain the components, functions, and strategic planning process of logistics management.
CO2	Describe the structure, and drivers of supply chain management and its role in customer service.
CO3	Analyze factors affecting decision-making in supply chains, opportunities and constraints.
CO4	Apply demand planning, forecasting, and inventory management in supply chain planning.
CO5	Evaluate practices like JIT, Kanban, and e-commerce in supply chain management.

Detailed Syllabus

Section A

Unit I: Overview of logistics: Introduction, Nature, Evolution of Logistics, Logistics, Growing Importance of Logistics, Components of Logistics Management, Functions of Logistics, Strategic logistics planning process, Integrated logistics system.

(10hrs)

Unit II: Supply Chain Management: Introduction to supply chain management (SCM), Evolution of SCM, Customer service, Supply chain effectiveness, Supply chain structure, Supply chain drivers, Role and Relevance, Framework of supply chain solutions.

(10 Hrs)

Unit III: Decision Environment: Factors in Decision Making, Resource Driven Decision environment; Opportunities and constraints, Support systems for mapping decision environment, strategic decisions in the supply chain.

(10 Hrs)

Section B

Unit IV: Supply Chain Tactical Planning: Supply chain planning, Demand planning and forecasting, Sales and operations planning, Scope of planning initiatives, Role of Inventory management in SCM: Classification of inventory, warehousing and distribution centers, Transportation, Packaging, Order processing.

(08 Hrs)

Unit V: : Key Operational Aspects and Technology in SCM: Operational practices in the Supply chain, Just in time, Kanban, Vendor managed Inventory, Quality, Green SCM, Ethical SCM, Supply chain security management, Role of the supply chain in E-business models, E-commerce and SCM.

(10 Hrs)

Textbooks:

S. No.	Name of the Books	Author	Publisher	Edition (Pub.Yr.)
1	Supply chain management process, system.	N. Chandrasekaran	Oxford University Press	3 rd (2023)
2	Textbook of Logistics and Supply Chain Management	DK Agrawal	Jain Book Publisher	8 th (2018)



Reference Books:

S. No.	Name of the Books	Author	Publisher	Edition (Pub.Yr.)
1	Operations and Supply Chain management	Richard B. Chase Ravi Shankar F. Robert Jacobs	MC Graw Hill	5 th (2016)

COURSE PLAN

Unit I: Overview of Logistics		
S. No	Topics	Recommended Books
1	Concept & Evolution of Logistics	Book 1, Ch.1
2	Components and Functions of Logistics	Book 1, Ch.1
3	Integrated Logistics Systems	Book 1, Ch.1
4	Functions of Logistics	Book 1, Ch.1
5	Operational objectives of logistics	Book 1, Ch.1
6	Strategic logistics planning process	Book 1, Ch.1
Unit II: Introduction to Supply Chain Management		
7	Introduction to supply chain management (SCM),	Book 1, Ch.2
8	Evolution of SCM	Book 1, Ch.2
9	Customer service	Book 1, Ch.2
10	Supply chain effectiveness	Book 1, Ch.2
11	Supply chain structure	Book 1, Ch.2
12	Supply chain drivers	Book 1, Ch.2
13	Role and Relevance, Framework of supply chain solutions.	Book 1, Ch.2
Unit III: Decision Environment		
14	Decision Environment	Book 1, Ch.4
15	Factors in Decision Making	Book 1, Ch.4
16	Resource Driven Decision environment	Book 1, Ch.4
17	Opportunities and constraints, Support systems for mapping decision environment	Book 1, Ch.4
18	Support systems for mapping decision environment	Book 1, Ch.4
19	Strategic decisions in the supply chain	Book 1, Ch.4
Unit IV: Supply Chain Tactical Planning		
20	Supply chain planning	Book 1, Ch.9
21	Demand planning and forecasting, Sales and operations planning	Book 1, Ch.9
22	Scope of planning initiatives and Role of Inventory management in SCM	Book 1, Ch.9
23	Transportation, Packaging, Order processing.	Book 1, Ch.9
Unit V: Key Operational Aspects and Technology in SCM		



24	Operational practices in the Supply chain, Vendor managed Inventory, Quality,	Book 1, Ch.11
25	Just in time, Kanban, Vendor managed Inventory	Book 1, Ch.11
26	Green SCM, Ethical SCM,	Book 1, Ch.11
27	Supply chain security management, Role of the supply chain in	Book 1, Ch.11
28	Role of the supply chain in E-business models	Book 1, Ch.11

ADDITIONAL WEB RESOURCES

1.	MOOC: Supply Chain Management Specialization https://www.coursera.org/specializations/supply-chain-management
2.	MOOC: Supply Chain Logistics https://www.coursera.org/learn/supply-chain-logistics

GRADING AND ASSESSMENT

- **Sessional Test:** 20 marks
- **Assignment:** 10 marks
- **Attendance:** 10 marks
- **Final Examination:** 60 marks

COURSE POLICIES

- **Attendance:** Minimum 75% attendance is mandatory to appear in the final examination of the course.
- **Academic Integrity:** MIET's academic integrity policies apply. Plagiarism will not be tolerated.
- **Late Submissions:** Assignments and projects must be submitted by the specified timelines.

FACULTY INFORMATION

- **Office Hours**
Monday (12:05 PM - 12:55 PM)
Friday (12:05 PM - 12:55 PM)
- **Contact Information**
vibhu.mba@mietjammu.in