

MBG5081 SUPPLY CHAIN MANAGEMENT

Course Code	MBG5 081	Semester	IV
Course Title	<i>SUPPLY CHAIN MANAGEMENT</i>		
Credits	3	Type	Elective 1- Operatio ns

This course will help students in developing supply chain relationship management skills

Course Description

To understand the concepts, practices, and importance of logistics management and supply chain management and to develop skills and competence to design and operate logistics facilities.

Course Outcome

By the end of the course, students are expected to be able to:

1. Knowledge gained
 - To summarize the basics of logistics management
 - Discuss the various transportation services and logistics facilities
 - To paraphrase on the global scope of logistics
2. Skills gained
 - Inventory management skills
 - Order processing skills
3. competency gained
 - To understand the fundamental concepts in supply chain management

Course Structure**Module I: Introduction to Logistics**

Introduction to Logistics and its interface with Production and Marketing; Measures of logistics; Physical distribution and logistics.- Logistics Systems Analysis and Design; Warehousing and Distributing Centres; Location.

Module II: Transportation Systems

Transportation Systems: Facilities and Services; Dispatch and Routing Decisions and Models; Inventory Management Decisions.

Module III : Logistics Audit and Control

Logistics Audit and Control; Packaging and Material Handling; International Logistics Management; Logistics Future Directions. Warehousing and Storage-- Transportation- land, water and air.

Module IV: Introduction of supply chain

Introduction of supply chain-logistics and supply chain—functional coordination— supply chain

relationship—cooperation and collaboration with supply chain partners—supply chain synergy. Supply chain value strategy—supply chain flow cycle.

Module V : Demand Management

Demand Management.- Supply chain information system—inter company and intra company information- relationship marketing and supply chain management.

Testing & Evaluation (if any)

- Assignments
- Case analysis/ Problems
- Seminar/Project
- Discussions/ Group activity
- Internal Tests

References

Chopra, S., Meindl, P., & Dharam Vir Kalra (2018). Supply Chain Management: Strategy, Planning and Operation. Pearson Education, Seventh edition.

Janat Shah (2016). Supply Chain Management: Text and Cases. Pearson Education India; Second edition.

Bowersox, D.J., Closs, D.J. & Cooper M.B. (2009). Supply Chain Logistics Management. McGraw Hill Education, Third Edition.

Chandrasekaran N. (2010). Supply Chain Management: Process, System & Practice. Oxford University Press.

Michael Hugos (2018). Essentials of Supply Chain Management. Wiley, Fourth edition.

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