

COURSE TITLE	SUPPLY CHAIN MANAGEMENT
COURSE CODE	04GB0601
COURSE CREDITS	4

Course Outcomes: After completion of this course, student will be able to:

- 1 Determine the core principles, components, and global dynamics of supply chain management for effective business operations.
- 2 Analyze the role of technology and data analytics in enhancing supply chain efficiency and decision-making.
- 3 Evaluate sustainable and ethical practices in supply chains, ensuring compliance with global standards and CSR initiatives.
- 4 Design and implement advanced supply chain strategies, leveraging innovation and collaboration for competitive advantage.
- 5 Design and manage sustainable and ethically responsible supply chains, integrating green practices, compliance with global standards, and advanced technologies to optimize efficiency and align with business goals.

Pre-requisite of course:NA

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
4	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Fundamentals of Supply Chain Management Introduction to Supply Chain Management (SCM), Supply Chain Components, Supply Chain Strategies, Global Supply Chains, Global Supply Chain Practices of Leading Multinational Corporations	15
2	Technology and Innovation in Supply Chain Role of Technology in SCM, E-Logistics and E-Supply Chain, Data Analytics in SCM, Automation and Robotics, Impact of Digital Transformation on Global Supply Chains	15
3	Sustainability and Ethical Practices in SCM Green Supply Chain Management, Corporate Social Responsibility (CSR) in SCM, Circular Supply Chains, Compliance and Global Standards, How Global Brands Manage Sustainable Supply Chains	15

Contents : Unit	Topics	Contact Hours
4	Advanced Supply Chain Strategies and Future Trends Strategic Supply Chain Management, Outsourcing and Offshoring, Collaborative Supply Chains, Future Trends, Designing an Optimized and Sustainable Global Supply Chain Model	15
Total Hours		60

Textbook :

- 1 Supply Chain Management: Concepts, Practices, and Implementation, Sunil Sharma, Oxford University Press India, 2023
- 2 Logistics and Supply Chain Management, Dr. K. Shridhara Bhat, Himalaya Publishing House, 2022

References:

- 1 Supply Chain Management: Strategy, Planning, and Operation, Supply Chain Management: Strategy, Planning, and Operation, Sunil Chopra and Peter Meindl, Pearson Education, 2023
- 2 Global Logistics and Supply Chain Management, Global Logistics and Supply Chain Management, John Mangan, Chandra Lalwani, Tim Butcher, and Roya Javadpour, Wiley, 2023

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
20.00	30.00	25.00	15.00	10.00	0.00

Instructional Method:

- 1 Case Based Learning, Project Based Learning, Flipped Classroom, Collaborative Learning