

S. No.	Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
								Sessional	Final Exam	Total
4	BBAMJ - 404	Logistics & Supply Chain Management	Major	4	4	0	0	40	60	100

**COURSE OUTCOMES**

At the end of the course the student will be able to :-

CO1	Describe the components and functions of logistics.
CO2	Analyse the concepts of Supply Chain Management.
CO3	Comprehend the process of transportation & Warehousing.
CO4	Assess the techniques of Performance Measurement.
CO5	Evaluate the emerging trends in Supply Chain Management.

**Detailed Syllabus****Section A**

**Unit I: Overview of Logistics:** Concept, Evolution, Components and Functions of Logistics; Integrated Logistics Systems; Logistical Competitive Advantage; Operational objectives of logistics; Growing Importance of logistics management.

**(09Hrs)**

**Unit II: Supply Chain Management:** Nature, concepts, functions & contribution of Supply chain Management; Framework of Supply Chain Solutions; Value chain; Outsourcing; Third-party logistics(3PL); Fourth party logistics(4PL); Bullwhip effect and supply chain; Supply chain relationships; Conflict resolution strategies.

**(10 Hrs)**

**Unit III: Transportation & Warehousing:** Transportation: Concept & importance; elements & modes; Containerization; Selection of transportation mode; Warehousing: Concept, types & functions; Warehousing strategy; Warehouse Design; Operation Mechanism of Warehouse.

**(10Hrs)****Section B**

**Unit IV: Performance Measurement:** Meaning & Dimension; Tools of performance measurement: ABC & Benchmarking; Recent Developments in Supply Chain Performance Measurement; The Balanced Scorecard Approach.

**(09Hrs)**

**Unit V: Emerging Trends in Supply Chain Management:** The Greening of Supply Chain; concept of Micro fulfillment Centre; Innovations & sustainability in Supply Chains, Current and next generation ICT in Supply Chain; Evolution of Robotics in Warehouse Management.

**(10Hrs)****Textbooks**

S. No.	Name of the Books	Author	Publisher	Edition (Pub. Yr.)
1.	Introduction to supply chain management	Robert B. Handfield & Ernest L. Nichols	Pearson	5 <sup>th</sup> (2018)
2.	Logistics & Supply Chain Management	D. K. Agarwal	Macmillan	5 <sup>th</sup> (2010)

**Reference Books**

S. No.	Name of the Books	Author	Publisher	Edition (Pub. Yr.)
1.	Supply Chain Management	Sunil Chopra, Peter Meindl, et al.	Pearson	7 <sup>th</sup> (2018)