

***Revised Syllabus of Courses of Bachelor of Management
Studies***

(BMS) Programme at Semester

V

***with effect from the Academic Year 2018-
2019***

***Core Course
(CC)***

**5. Logistics and Supply Chain
Management**

SN	Modules	No. of Lectures
1	Overview of Logistics and Supply Chain Management	15
2	Elements of Logistics Mix	15
3	Inventory Management, Logistics Costing, Performance Management and Logistical Network Analysis	15
4	Recent Trends in Logistics and Supply Chain Management	15
	Total	60

SN	Modules/ Units
1	Overview of Logistics and Supply Chain Management
	<p>a) Introduction to Logistics Management</p> <ul style="list-style-type: none"> • Meaning, Basic Concepts of Logistics- Logistical Performance Cycle, Inbound Logistics, In process Logistics, Outbound Logistics, Logistical Competency, Integrated Logistics , Reverse Logistics and Green Logistics • Objectives of Logistics, Importance of Logistics, Scope of Logistics, Logistical Functions/Logistic Mix, Changing Logistics Environment <p>b) Introduction to Supply Chain Management</p> <ul style="list-style-type: none"> • Meaning, Objectives, Functions, Participants of Supply Chain, Role of Logistics in Supply Chain, Comparison between Logistics and Supply Chain Management, Channel Management and Channel Integration <p>c) Customer Service: Key Element of Logistics</p> <ul style="list-style-type: none"> • Meaning of Customer Service, Objectives, Elements, Levels of customer service, Rights of Customers <p>d) Demand Forecasting</p> <ul style="list-style-type: none"> • Meaning, Objectives ,Approaches to Forecasting, Forecasting Methods, Forecasting Techniques, (Numerical on Simple Moving Average, Weighted Moving Average)
2	Elements of Logistics Mix
	<p>a) Transportation</p> <ul style="list-style-type: none"> • Introduction, Principles and Participants in Transportation, Transport Functionality, Factors Influencing Transportation Decisions, Modes of Transportation- Railways, Roadways, Airways, Waterways, Ropeways, Pipeline, Transportation Infrastructure, Intermodal Transportation <p>b) Warehousing</p> <ul style="list-style-type: none"> • Introduction, Warehouse Functionality, Benefits of Warehousing, Warehouse Operating Principles, Types of Warehouses, Warehousing Strategies, Factors affecting Warehousing <p>c) Materials Handling</p> <ul style="list-style-type: none"> • Meaning, Objectives, Principles of Materials Handling, Systems of Materials Handling, Equipments used for Materials Handling, Factors affecting Materials Handling Equipments <p>d) Packaging</p> <ul style="list-style-type: none"> • Introduction, Objectives of Packaging, Functions/Benefits of Packaging, Design Considerations in Packaging, Types of Packaging Material, Packaging Costs

SN	Modules/ Units
3	Inventory Management, Logistics Costing, Performance Management and Logistical Network Analysis
	<p>a) Inventory Management</p> <ul style="list-style-type: none"> ∨ Meaning, Objectives, Functions, Importance, Techniques of Inventory Management (Numericals - EOQ and Reorder levels) <p>b) Logistics Costing</p> <ul style="list-style-type: none"> ∨ Meaning, Total Cost Approach, Activity Based Costing, Mission Based Costing <p>c) Performance Measurement in Supply Chain</p> <ul style="list-style-type: none"> ∨ Meaning, Objectives of Performance Measurement, Types of Performance Measurement, Dimensions of Performance Measurement, Characteristics of Ideal Measurement System <p>d) Logistical Network Analysis</p> <ul style="list-style-type: none"> ∨ Meaning, Objectives, Importance, Scope, RORO/LASH
4	Recent Trends in Logistics and Supply Chain Management
	<p>a) Information Technology in Logistics</p> <ul style="list-style-type: none"> ∨ Introduction, Objectives, Role of Information Technology in Logistics and Supply Chain Management, Logistical Information System, Principles of Logistical Information System, Types of Logistical Information System, Logistical Information Functionality, Information Technology Infrastructure <p>b) Modern Logistics Infrastructure</p> <ul style="list-style-type: none"> ∨ Golden Quadrilateral, Logistics Parks, Deep Water Ports, Dedicated Freight Corridor, Inland Container Depots/Container Freight Stations, Maritime Logistics, Double Stack Containers/Unit Trains <p>c) Logistics Outsourcing</p> <ul style="list-style-type: none"> ∨ Meaning, Objectives, Benefits/Advantages of Outsourcing, Third Party Logistics Provider, Fourth Party Logistics Provider, Drawbacks of Outsourcing, Selection of Logistics Service Provider, Outsourcing-Value Proposition <p>d) Logistics in the Global Environment</p> <ul style="list-style-type: none"> ∨ Managing the Global Supply Chain, Impact of Globalization on Logistics and Supply Chain Management, Global Logistics Trends, Global Issues and Challenges in Logistics and Supply Chain Management