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| **PROGRAM** | **Master of Business Administration** |
| **SEMESTER** | **4** |
| **COURSE TITLE** | **Supply Chain Management** |
| **COURSE CODE** | **04MB0407** |
| **COURSE CREDITS** | **3** |
| **COURSE DURATION** | **42 Hrs (42 sessions of 60 minutes each)** |

**Course Outcomes**

* + - Understand how the supply process with end-to-end solutions
    - Gain in depth knowledge about how the drivers affect the supply chain business strategies.
    - Will be able to develop a critical skill set thinking which helps to take decisions related to supply problems.
    - Learn supply chains with the appropriate levels of risk involved in managing supply networks.
    - Apply information systems to develop and support visibility in the supply chain.

## Course Contents:

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| **Unit No** | **Unit/Sub-unit** | **Sessions** |
| Unit I | **INTRODUCTION TO SUPPLY CHAIN MANAGEMENT:**  Evolution, Importance, Supply Chain Performance Enablers, Performance Measures: Customer Service & Cost Trade-off, Supply Chain Benchmarking, Supply Chain and Business Performance, Enhancing Supply Chain Performance  Outsourcing: Make-Vs-Buy - Core Process, Market versus Hierarchy, Portfolio Approach, Impact of Internet on Sourcing Strategy, case study | 09 |
| Unit II | **MANAGING MATERIAL FLOW:**  Inventory Management: Types - Cycle Stock, Safety Stock, Seasonal Stock, Inventory Costs  Transportation: Drivers, Mode of Transportation - Choice & Performance, Transportation for E-Retailers  Facility Location: Factors affecting location decision, Role of location in network. case study | 08 |
| Unit III | **MANAGING INFORMATION FLOW**  Demand Forecasting: Role of Forecasting, Qualitative Forecasting, Quantitative Forecasting, Behavioral Issues in Forecasting  Information Technology in Supply Chain Management: Transaction Execution, Collaboration and Coordination, Decision Support, Measurement and Reporting, case study | 08 |
| Unit IV | **SUPPLY CHAIN INNOVATIONS:**  Supply Chain Integration - Internal Integration, External Integration, Building Partnership and Trust in a Supply Chain. Vendor Managed Inventory, Efficient Customer Response System  Supply Chain Restriction - Mapping, Process Restructuring, Point of Differentiation, Shape of Value-addition Curve, Advancing customer ordering point, case study | 10 |
| Unit V | **MANAGING SUPPLY CHAIN DISRUPTIONS:**  Agile Supply Chains - High Demand Uncertainty Environment, Responsive Supply Chain Approach, Supply Chain Disruptions and its impact on Business, Methods of Handling Disruptions  **Supply Chain Cases.** | 07 |

## Evaluation:

## The students will be evaluated on a continuous basis and broadly follow the scheme given below:

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|  | **Component** | **Weightage** |
| A | Continuous Evaluation Component (Assignments / Presentations/ Quizzes / Class Participation/ etc.) | 20% (C.E.C.) |
| B | Internal Assessment | 30% (I.A.) |
| C | End-Semester Examination | 50% (External Assessment) |

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| **Sr. No** | **Author/s** | **Name of the Book** | **Publisher** | **Edition & Year** |
| **1** | Janat Shah | Supply Chain Text and Cases | Pearson Education | 2nd Edition |
| **2** | Sunil Chopra | Supply Chain Management | Pearson Education | 6th Edition |
| **3** | Amit Sinha | Supply Chain Management- A Managerial Approach | McGraw-Hill | 1 st Edition |
| **4** | Dobler and Burt | Purchasing and Supply Management | McGraw-Hill | 6th Edition |
| **5** | Lee J. Krajewski  , Manoj K. Malhotra,Larry P. Ritzman | Operations Management: Processes and Supply Chains | Pearson Education | 11th Edition |

**Text Books:**

**Reference Books:**

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| **Sr. No** | **Author/s** | **Name of the Book** | **Publisher** | **Edition & Year** |
| **1** | Yann Bouchery Charles J. Corbett Jan C. Fransoo Tarkan Tan | Sustainable Supply Chains | Springer International Publishing | 1ST Edition |
| **2** | Anna Nagurney Dong Li | Competing on Supply Chain Quality | Springer International Publishing | 2nd edition |
| **3** | Yacob Khojasteh | Supply Chain Risk Management  -Advanced Tools, Models, and Developments | Springer Singapore | 1ST Edition |
| **4** | Wolfgang Lehmacher | Globale Supply Chain | Gabler Verlag | 1ST Edition |
| **5** | Michael Roe, Wei Xu and Dongping Song | Optimizing Supply Chain Performance | Palgrave Macmillan UK | 1ST Edition |