



**MTM College of Arts, Science and Commerce, Veliyancode**  
**Department of Commerce and Management Studies**

**CERTIFICATE COURSE**

**Supply Chain Management**

**Course code: MTMCM12**

Total hours: 30 hours

External Exam Evaluation: Written exam (50 marks)

Internal Evaluation: Written exam (25 marks)

**Course Description**

This course focuses on management and improvement of supply chain processes and performance. It will be valuable for students who would like to pursue a career in consulting or take a position in operations, marketing or finance functions in a manufacturing or distribution firm. We explore important supply chain processes, primary tradeoffs in making supply chain decisions, and basic tools for effective and efficient supply chain management, production planning and inventory control, order fulfillment and supply chain coordination. We will also investigate topics such as global supply chain design, logistics, and outsourcing, several other recent supply chain innovations.

**Course Learning Outcomes**

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1. An understanding of the primary differences between logistics and supply chain management
2. An understanding of the individual processes of supply chain management and their  
Interrelationships within individual companies and across the supply chain
3. An understanding of the management components of supply chain management

4. An understanding of the tools and techniques useful in implementing supply chain management
5. Knowledge about the professional opportunities in supply chain management.

## **Syllabus**

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### **Module1**

Introduction to Supply Chain Management -meaning-Definition -Objectives-Functions-scope-advantages and disadvantages-logistics management (8 Hours)

### **Module 2**

The management components of supply chain management-Planning-Information- sources -Inventory -Production-Location -Transportation-Return of goods (8 Hours)

### **Module 3**

Eight supply chain processes -Customer relationship management -supplier relationship management -demand management-order fulfillment -manufacturing flow management-Production management -returns management (8 Hours)

### **Module 4**

Supply chain performance measurement -Implementing supply chain management (6 Hours)

### **Reference:**

Supply Chain Management: Processes, Partnerships, Performance, Douglas M. Lambert (Ed).

Supply Chain Management: strategy, planning and operation by Sunil Chopra

