



**INSTRUCTION DIVISION**  
**FIRST SEMESTER 2019-2020**  
**Course Handout (Part II)**

**Date: 01/08/2019**

In addition to part I (General Handout for all courses appended to the time table) this portion gives further specific details regarding the course.

**Course Number : MF F421**  
**Course Title : SUPPLY CHAIN MANAGEMENT**  
**Instructor In-charge : PHANEENDRA KIRAN CHAGANTI**

**1. Scope & Objectives of the Course:**

The course provides students with the opportunity to get clarity and insight into the phenomenon of supply chains and their management. It will assist in understanding Supply Chain Management (SCM) not as a technology issue but rather a business strategy for companies trying to create new competitive advantage. The objectives of the course are mentioned below:

- Attain familiarity with the fundamentals of SCM and its use in organizations seeking to create differentiation.
- Provide a platform for supply chain analytics
- Understand issues in implementing SCM and e-fulfilment in a web enabled world.

**2. Text Books:**

**T1:** Sunil Chopra, Peter Meindl and D V Kalra, "Supply Chain Management: Strategy, planning and Operation", Pearson Education, Sixth Edition, India, 2016.

**3. References:**

**R1:** Donald J. Bowersox, David J. Closs, and M. Bixby Cooper "Supply Chain Logistics Management", Second Edition, Tata McGraw-Hill.

**4. Course Plan:**

| Lect. No. | Topic to be Covered   | Learning Objectives   | Chapter in the Text Book |
|-----------|---|---|--------------------------|
| 1-2       | What is Supply Chain Management & how does it create Value? | Describe the cycle and push/ pull view of a supply chain Identify the key supply chain decision phases. Goal of supply chain & impact of supply chain decision on the success of a firm | Chapter 1 T1             |
| 3-5       | Strategic Fit & Scope                                       | Achieving strategic fit is critical to a company's overall success.   | Chapter 2 T1             |
| 6-8       | Supply Chain Drivers and Metrics                            | Identify the major drivers of supply chain performance. Discuss the role each driver plays.   | Chapter 3 T1             |



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|       |  |  |                          |
|-------|--|--|--------------------------|
|       |  | Describe the major obstacles that must be overcome to manage a supply chain successfully.  |                          |
| 9-16  | Designing the distribution network *                 | Designing the distribution network in a supply chain, Network design in the supply chain, Network design in uncertain environment  | Chapters 4, 5 & 6 T1     |
| 17-23 | Planning demand and supply in supply chain           | Demand forecasting in supply chain, Aggregate planning in the supply chain, Planning supply and demand in the supply chain: Managing predictable variability; Coordination in Supply Chain | Chapters 7, 8, 9 & 10 T1 |
| 24-30 | Planning and managing inventories in a supply chain* | Managing economies of scale in the supply chain: Cycle inventory, Managing uncertainty in the supply chain: Safety inventory, Determining optimal level of product availability            | Chapters 11, 12 & 13 T1  |
| 31-38 | Transportation, and Sourcing                         | Sourcing decisions in a supply chain, Transportation in the supply chain, Pricing and revenue management in the supply chain   | Chapters 14 and 15 T1    |
| 39-40 | Sustainability and the supply chain                  | Introduction to sustainability; Issues and performance measures  | Chapter 17 T1            |

**\*Three lectures per topic will be covered by Industry experts (eg: Flipkart)**

## 5. Evaluation Component

| S. No. | Evaluation Component                      | Duration | Max. Marks | Date & Time            | Nature of Component |
|--------|---|----------|------------|------------------------|---------------------|
| 1      | Mid-Semester Examination                  | 90 Min   | 50 (25%)   | 5/10, 9.00 -- 10.30 AM | CB                  |
| 2      | Surprise Quizzes                          |          | 30 (15%)   |                        | CB                  |
| 3      | Project/Case Study /Article Presentations |          | 40 (20%)   |                        | OB                  |
| 4      | Comprehensive Examination                 | 3 hrs    | 80 (40%)   | 13/12 AN               | CB                  |

**6. Chamber Consultation:** To be announced in the class.

**7. Notices:** All notices concerning this course will be displayed on the CMS only.

**8. Make-Up Policy:** No students will be allowed to take make up without prior permission. For the case study and assignment / article/class presentation, no make ups will be granted.

**9. Academic Honesty and Integrity Policy:** *Academic honesty and integrity are to be maintained by all the students throughout the semester and no type of academic dishonesty is acceptable.*

**Instructor - in - Charge**



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