



Dr. V. N. Bedekar Institute of Management, Thane
Teaching Plan (MMS/PGDM)
Academic Year (2016-2017)

Programme Name: MMS / PGDM: **MMS**

Name of the Course: **Advanced Supply Chain Management**

Maximum marks: **100**

No. of Sessions: **15**

Name of the Faculty: **Akshay A. Vyavahare**

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Weblink:

Learning Objectives:

- 1. Understanding the concept of Supply Chain Management**
 - 2. Learning International Issues in Supply Chain Management**
 - 3. Learning techniques to measure the performance & controls in Supply Chain Management**
 - 4. Understanding laws & regulations in Supply Chain Management**
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Reference Books:

1. Supply Chain Management-Strategy, Planning and Operation By Sunil Chopra and Peter Meindi (Pearson Education, New Delhi)
 2. Supply Chain Management- Concepts and Cases By Rahul V. Altekar (Prentice Hall India, New Delhi)
 3. Designing & Managing The Supply Chain – Concepts, Strategies & Case Studies By Simchi-Levi (Tata McGraw-Hill Edition)
 4. Operations Management – Mahadevan
 5. SCM – Wisner, Tan, Leong
 6. SCM – Ling Li
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Plan:

Session No	Topics to be covered	Books referred/ Recommended/ References- Print/Articles/ News/Research papers/ Online database/ Software /Simulations used	Learning outcomes	Evaluation of Students understanding by MCQs, Quiz, Short Test
1	Understanding The Supply Chain	Chapter 1 – SCM – Peter Meindl	Understanding the Supply Chain, its process & decision phases	
2	Network Design in the Supply Chain	Chapter 5 – SCM – Peter Meindl	Designing network design decision & factors affecting it.	
3	Designing Distribution Network in a Supply Chain	Chapter 4 – SCM – Peter Meindl	Studying the role of distribution in a Supply chain & its factors	
4	Inventory Management & Risk Pooling	Chapter 3 – Supply Chain – Simchi-Levi	Learning concepts of inventory management, demand uncertainty, and risk pooling	
5	Value of Information	Chapter 4 – Supply Chain – Simchi-Levi	Learning effective forecasts, coordination of systems, conflicting goals	
6	Supply Chain Integration	Chapter 5 – Supply Chain – Simchi-Levi	Demand driven strategies, e-business, distribution strategies	



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7	Strategic Alliances	Chapter 6 – Supply Chain – Simchi-Levi	Strategic Alliances, 3PL, 4PL, Retailer-Supplier Partnership	
8	E-procurement & Outsourcing	Chapter 7 – Supply Chain – Simchi-Levi	Framework for E-procurement, Benefits/Risks of outsourcing	
9	International Issues in Supply Chain Management	Chapter 8 – Supply Chain – Simchi-Levi	Understanding influential factors, risks/benefits, local/central control, global logistics	
10	Lean Manufacturing and SCM	Page 538 – Operation Management – Mahadevan Chapter 8 – SCM – Wisner, Tan, Leong	Concept of Lean Manufacturing, benefits, integration with SCM, mass customization	
11	Procurement Management in Supply Chain; Customer Value & SCM	SCM – Peter Meindl Chapter 10 – Supply Chain – Simchi-Levi	JIT, Vendor Managed Inventory, Dimensions of Customer Value, Strategic Pricing	
12	Performance Measurement & Controls in SCM	Page 291 – Mahadevan Chapter 14 – SCM – Wisner, Tan, Leong Chapter 12 – SCM – Ling Li	Concept of Benchmarking, gap analysis, balance scorecard	
13	Ethical Issues in SCM	Chapter 4 – SCM – Wisner, Tan, Leong	Supply Chain Vulnerability, govt. Laws, trade regulations, patents, copyrights,	



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			international practices	
14	Case Study / Test		Case Study / Test	Case Study / Test Evaluation
15	Presentation		Presentation	Presentation Evaluation

2. Practical Approach : Other activities (Atleast 4 distinct activities)

Sr. No.	Activity Name	Topic Coverd	Learning outcomes	Source
1	Role Play	<u>Beer Game</u>	<u>Bullwhip Effect</u>	
2	Industry Visit			
3	Academic Projects	<u>Supply Chain</u>	<u>Designing a Supply Chain</u>	
4	Book Review			
5	Group Discussion	<u>SCM, Warehousing, Facility Layout</u>	<u>SCM, Warehousing, Facility Layout</u>	
6	Business Quiz / Business News sharing			
7	Videos / Simulation	<u>SCM</u>	<u>SCM</u>	<u>Nat Geo</u>



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8	Use of Softwares and Labs			
9	Any other activity			



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Evaluation:

I) Internal:

Component	Details	Marks
Class Test	2 class tests	
Presentation		
Case Study		
Participation		
Others	Assignment	

Akshay A. Vyavahare

Signature of Faculty

Signature of the Co-ordinator