

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Objectives:

- Developing an understanding of the significance of logistics and supply chain management to achieve effective supply and distribution management.
- Develop a capacity for analysing supply chain problems on a functional, business and company-wise basis.
- Become acquainted with the realities of operating different types of production/distribution firms.

Course:

- Introduction to supply chain management (SCM), (Evolution of SCM, Functional integration of logistics and operations, Coordination of material, financial and information flows)
- Performance Measures for SCM
- Issues in marketing and customer service
... (Efficient customer response)
- Planning for Uncertainty
- Product Costing for Uncertainty
- Forecasting Issues in Supply Chain Management
- Network Modeling & Strategic Lead Time Management
- Product and Process Design for SCM
- Order Processing and Inventory Control for SCM
- Transportation and Third Party Logistics
- From Vertical Integration to Virtual Integration
- SCM and Information Technology
- Transiting from Made-To-Stock to Build-To-Order
- Inter-firm Integration: Implementation Issues
- Supply Chain Management in the Indian Environment

Reference:

1. Bhatt Sridhar, "Essentials of logistics and supply chain management", Himalaya publishing House, 2007.
2. D Simchi-Levi, P Kaminsky and E Simchi-Levi; Designing & Managing the Supply Chain; McGraw-Hill/Irwin, 2002.*
3. Chopra, S. and Meindl, P, Supply Chain Management: Strategy, Planning and Operation, Pearson Education Asia, 2001.
4. Shapiro, J. S., Modeling the Supply Chain, Duxbury Press, 2001.
5. Magee, J.F., Copacino, W.C. and Rosenfield, D.B., Modern Logistics Management, Wiley, New York, 1995.
6. Dornier, P., Ernst, R., Fender M. and Kouvelis, P., Global Operations and Logistics: Text and Cases, Wiley, New York, 1998.
7. Tayur, S., Ganeshan, R. and Magazine, M., Quantitative Models for Supply Chain Management, Kluwer Academic Publishers, 1999.