

ME 705 Supply Chain Management (3-0-0:3)

Scope of Supply Chain Management

Concept of Supply Chain, Integrated Supply Chain, Growth of Supply Chain, Strategic Decision in Supply Chain. Scope of Supply Chain Management: Supply Chain Management as a Management Philosophy, Function of SCM, and Why Supply Chain Management, Value Chain for Supply Chain Management, the Role of IT in Supply Chain. Supply Chain Information System Design Planning, Capacity, Performance Requirement ,Manufacturing Requirement, Operation, Transportation, Inventory Development .

Decision Support Systems

Decision Support Systems for SCM: Introduction, DSS, Components, Types, Processing Information, Specific Types of DSS, Information Technology (IT) Support System for Effective Supply Chain Decision Making.

Customer Management

Customer and Service Management: Utilising CRM to Drive Value to the Customer, Creating the Customer-Centric Supply Chain, Applying Technology to CRM, CRM and the Supply Chain, New Concepts in Customer Management Technologies.

Logistics and SRM

Supply Chain and Inventory Management: Overview, Benefits, Key Features, Warehouse and Inventory Control, Purchasing and Vendor Management, Optimised Manufacturing Process. Logistics Resource Management, Supplier Relationship Management: Integrating Suppliers 9into the Value Chain, Defining Purchasing and SRM, Internet Driven SRM Environment, Implementation of e-SRM.The Future of IT in the Supply Chain, Internal Supply Chain Management, Supply Relationship Management, The Transaction Management Foundation

Text Books and References

1. M. Christopher, "Logistics and Supply Chain Management: Creating Value-Adding Networks", FT Prentice Hall, 3rd Edition, 2005.
2. R.B.Chase, F.R.Jacobs, N.J.Aquilano & N.K.Agarwal, "Operations Management for Competitive Advantage", TMH 11th Edition, 2006.