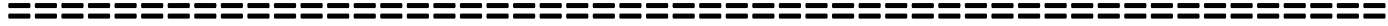


Gujarat Technological University
Shantilal Shah Engineering College
7th - Production Engineering

List of Tutorials Supply Chain Management (2172505)

Applicable to all Batches (A1, A2, A3, A4, B1)

Practical (Detail of Tutorials based assignment as per syllabus)



Tutorial 1 Supply Chain Management

- Q. 1 What is Supply Chain?
- Q. 2 Write- Up on Generic Types of Supply Chains
- Q.3 Write the result of Supply Chain integration
- Q. 4 Write-Up on the Major drivers of Supply Chain
- Q.5 What is Supply Chain Management?
- Q.6 Write-Up on the basic components for Supply Chain Management
- Q.7 Short Note on Activities of a SCM Professional

Tutorial 2 Strategic Decision in Supply Chain Management

- Q.1 Short note on a Model for strategy formulation in Supply Chain Management
- Q.2 Short note on Strategic Supply Chain Decisions
- Q.3 Short note on Customer relationship management (CRM) strategy
- Q.4 Short note on Supplier relationship management Strategy

Tutorial 3 Source Management in Supply Chain

- Q.1 Comparison of Traditional V/S Supply Chain Management based sourcing practices
- Q.2 Write up on Elements of Strategic Sourcing
- Q.3 Write up on Development of Partnership

Tutorial 4 Inventory Management in Supply Chain

- Q.1 Write the importance of Inventory Management in the Supply Chain
- Q.2 Write up on The Types of Inventory
- Q.3 Short note on Inventory Costs
- Case Study

Tutorial 5 Transportation Management in the Supply Chain

- Q.1 Write up on the Mode of Transportation
- Q.2 Short Note on “Factors affecting Distribution Networks Effectiveness”
- Q.3 Short Note on Third Party Logistic (3PL)
- Q. 4 Write-Up on Indian Infrastructure for Transportation

Tutorial 6 Information Technologies in Supply Chain

- Q. 1 Write up on Electronic Data Interchange (EDI)
- Q.2 Write up on Data Mining/ Data Warehousing and Data Marts
- Q.3 Short Note on E- Commerce
- Q.4 Short Note on E- Procurement
- Q.5 Short Note on Bar Coding Technology

- Q.6 Write up on Smart Card
- Q.7 Write up on Radio Frequency Identification Device (RFID)

Tutorial 7 Information Systems in Supply Chain

- Q.1 Short note on Computer based information system
- Q.2 Write up on ERP and SCM
- Q.3 Short note on Bull Whip Effect

Tutorial 8 Mathematical Modelling for Supply Chain

- Q.1 Write up on Modelling
- Q.2 Overview of the Models with following details (Only Theory)
 - Models on Transportation
 - Assignment Problem
 - Capacitated Transshipment Problems

Tutorial 9 Reverse Supply Chain

- Q.1 Write up on Reverse Supply Chain
- Q.2 Short note on Reverse Supply Chain
- Q.3 Write comparisons on Reverse Supply Chain V/s Forward Supply Chain
- Q.4 Write up on Types of Reverse flow.

Tutorial 10 Agile Supply Chain

- Q.1 Comparison of Agile SCM v/s Traditional SCM
- Q.2 Write up on Various connections of an Agile Supply Chain

Tutorial 11 Case Studies of Supply Chain Management

- Q.1. Write short note on News Paper Supply Chain
- Q.2. Write short note on Book Publishing Chain
- Q.3. Write short note on Mumbai Dabbawala
- Q.4. Write short note on Disaster management Chain
- Q.5. Write short note on Organic Food Chain
- Q.6. Write short note on Fast Food Chain

Faculty Members

Head of Department

Prof. Dr. U. K. Chhaya

Prof. Dr. A. V. Gohil

Prof. N. P. Nirmal

Reference Book : Supply Chain Management Theories & Practices By Dr. R P Mohanty & S. G. Deshmukh

- It is compulsory to submit tutorials as per above schedule to respective faculty members

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