

JYOTI NIVAS COLLEGE AUTONOMOUS
Program: B.Com LSCM
Semester: VI
GLOBAL SUPPLY CHAIN MANAGEMENT

No. of Credits: 4

No. of Hours: 60

Course objectives:

- Understand the market forces for global supply chains.
- Comprehend the strategies adopted to manage risks in supply chains.
- Gain knowledge on the global supply chain performance.
- Understand the significance of green supply chains.

Learning Outcomes:

- Understanding of the importance and challenges of global environment in designing supply chain strategies.
- Help students to analyse the risk related to global supply chain.
- Enable the students to know the role of global environment in logistics and supply chain management.

Unit- 1: Global Supply Chains and Risk Management

14 hrs

Introduction to global supply chains, Advantages of Global Supply Chains , Types of Global Supply chains, Driving Forces of Global Supply Chains – (Global market forces, Technology force, Global cost forces, Political forces) - Stage of International Development with particular reference to Supply chain.

Risk management in Global Supply Chains- Speculative Strategies, Hedge Strategies, Flexible Strategies; Strategic Requirements for Global Supply Chain implementation.

Unit-2: Issues in International Supply Chain Management

12 hrs

Issues in International Supply Chain Management –International Versus Regional Product, Local autonomy versus control logistics; Views on Global Logistics-Importing & Exporting, Main forces influencing imports and exports, Barriers to International Supply Chain Management.

Unit- 3: Global Supply Chain Performance

12 hrs

The Global Supply Chain Performance measures –Total Supply Chain management cost, supply chain cash-to-cash cycle time, production flexibility, delivery performance, perfect order fulfilment, supply chain e-business performance;

Supply Chain performance measurement: Steps in performance measurement, Traditional methods: - cost, revenue and profitability measures, performance standards and variances; International measurement: - (Balanced Scorecard, ABC / ABM, SCOR, ASLOG, EVALOG, etc.).

Unit-4: World Class Supply Chain Management

10 hrs

Meaning of Demand Management, World class demand management (WCDM), Four-stage model of demand management and logistics management, The Bullwhip effect, World class logistics management (WCLM), Role of IT in Supply Management, Implementing World

Class Supply Management: Strategic Planning, Leadership, Transformational training.

Unit- 5: Green Supply Chains

12 hrs

Introduction, Meaning, Role of critical success factors in green supply chain management, green practices in supply chain management, Steps to create an efficient green supply chain, Benefits of green supply chain management, future of green supply chain, Key performance Indicators – Meaning, necessary sustainability KPI for Businesses

Skill Development Activities:

- Show the Stage of International Development in SCM diagrammatically.
- Study the Supply Chain security issues in global supply chains.
- Discuss the Green Supply Chain strategies of any two select Companies.
- Prepare a chart showing Supply Chain performance metrics using SCOR Model
- Study the Political forces affecting supply chain.

Books for References:

- Supply chain Management - Sunil Chopra & Peter Meindl (PHI)
- Logistical Management - Donald J. Bowersox& David J. Closs (TATA MC GRAW HILL).
- Dr.R.P.Mohanty & Dr. S.G. Deshmukh, “Essentials of Supply Chain Management”, (Jaico Student Edition).
- David Simchi Levi, Philip Kaminsky, and Edith Simchi Levi. Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies. Irwin McGraw Hill, 2000.
- David N, Burt, Donald W. Dobler, Stephen L. Starling, “World Class Supply Management- A Key to Supply Chain Management”, Tata McGraw Hill Publishing Company Ltd., New Delhi.

Note: Latest edition of text books may be used.