

JYOTI NIVAS COLLEGE AUTONOMOUS

Programme: B.Com LSM

Semester: VI

GLOBAL ENVIRONMENT FOR SUPPLY CHAIN MANAGEMENT

No. of credits: 4

No. of Hours: 60

COURSE OBJECTIVES:

- The objectives of this course are to enable students to understand the global market forces and the strategies adopted to manage risks in supply chains.
- To understand the regulatory issues related to global environment in logistics and international trade.
- Students will learn about the importance of green supply chain management in the logistic Industry.

LEARNING OUTCOMES:

- The understanding of the importance and challenges of global environment in designing supply chain strategies
- It will help the students to analyse the risk related to global supply chain.
- It will enable the students to know the role of global environment in logistic and supply chain management

UNIT 1: GLOBAL SUPPLY CHAIN

12 HRS

Introduction, Forces of Global Supply Chain-Global market force, Technology force, Global cost force, Political force, Stage of International Development. Key activities in global supply chain (material purchasing, production planning, sales forecasting, and customer servicing).

UNIT 2: GLOBAL SUPPLY CHAIN STRATEGIES AND RISK MANAGEMENT

12HRS

Global Supply chain strategies – Concept, Characteristics, Global Supply Chain Model (continuous flow model, fast chain, efficient chain model, agile model, individually configured model, flexible model), Advantages of Global Supply Chains. Supply Chain Security. Risk of Global Supply Chain- Speculative Strategies, Hedge Strategies, Flexible Strategies, Supply Chain Risk Management Strategies, Requirements for Global Strategy implementation

UNIT 3: ISSUES IN INTERNATIONAL SUPPLY CHAIN MANAGEMENT

12 HRS

Issues in International Supply Chain Management (inventory management challenges, supplier reliability issues, inaccurate demand forecasting, transportation delays, and communication gaps between supply chain partners.) – International Versus Regional Product, Local autonomy versus control logistics – Importing and Exporting, Main forces, Barriers

UNIT 4: GLOBAL SUPPLY CHAIN PERFORMANCE

12 HRS

The Global Supply Chain-Performance, Cycle length, Operations, System Integration, Alliances, Drivers of global supply chain performance, Views of Global Logistics –Importing and Exporting, Main force. KPI for Supply chain. OTIF, POI, Filtrate, DOC index indicators. Current scenario of global supply chain.

UNIT 5: GREEN SUPPLY CHAIN MANAGEMENT

12HRS

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:

- Show the Stage of International Development in a chart form.
- 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

BOOKS FOR REFERENCE:

- Sunil Chopra & Peter Meindl (PHI) - Supply chain Management
- Donald J. Bowersox & David J. Closs, Logistical Management - 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.