

NAME OF THE PROGRAM:

POST GRADUATE DIPLOMA IN SUPPLY CHAIN MNGEMENT (PGDSCM)

PROGRAMME CURRICULUM

Semester - I

1. Production/ operations management
2. Materials management (mm)
3. Logistics & distribution management
4. Concepts in supply chain management
5. Legal aspects of supply chain management

1) Production/ Operations Management

- 1) The Production (Manufacturing) Function
- 2) Manufacturing Methods
- 3) Facilities (Plant) Location
- 4) Facilities (Plant) Layout
- 5) Production Planning and Control (PPC)
- 6) Aggregate Planning
- 7) Master Production Schedule
- 8) Operations Scheduling
- 9) Production Activity Control
- 10) JIT and Kanban
- 11) Project Planning & Control: Critical Path Analysis (PERT/CPM) 12)
Maintenance of the Plant
- 13) Quality Management- I
- 14) Quality Management - II
- 15) Six Sigma
- 16) Work Study - I (Method Study)
- 17) Work Study - II (Work Measurement)
- 18) Operations Management in Service Sector

2) Materials Management (MM)

- 1) Introduction to Materials Management

- 2) Materials Planning
- 3) Purchase Management: An Overview
- 4) Buying Policies
- 5) Buying at the Right Price
- 6) Project and Capital Goods Purchasing
- 7) Transport and Traffic Management
- 8) The Stores Function
- 9) Stores Operations
- 10) Fundamentals of Inventory Management
- 11) Economic Lot Size
- 12) Replenishment Systems
- 13) Just-in-Time (JIT)
- 14) Computerisation of Materials Management
- 15) Evaluation of Materials Department

3) Logistics & Distribution Management

- 1) Physical Distribution
- 2) Distribution Channels
- 3) Wholesaling
- 4) Retailing
- 5) Channel Power and Channel Conflict
- 6) Channel Design
- 7) Logistics Management
- 8) Inventory Management
- 9) Transportation
- 10) Packaging
- 11) Warehousing
- 12) Modern Concepts in Logistics

4) Concepts in Supply Chain Management (CSCM)

01. An Introduction to Concepts in Supply Chain Management
02. Scope, Performance and Strategic Fit

03. Drivers and Obstacles
04. Designing a Supply Chain Distribution Network
05. Role of Network Design in a Supply Chain
06. Network Design in an Uncertain Environment
07. Forecasting Demand
08. Aggregate Planning and Managing Predictable Variability
09. Managing Inventory
10. Optimal Level of Product Availability
11. Sourcing
12. Transportation
13. Information Technology
14. E-Business and the Supply Chain

5) Legal Aspects of Supply Chain Management (LASCAM)

01. The Indian Contract Act, 1872
02. The Sale of Goods Act, 1930
03. Negotiable Instruments Act, 1881
04. The Consumer Protection Act, 1986
05. The Standards of Weights and Measures Act, 1976
06. Insurance Laws
07. Insurance Cover
08. Income Tax Act
09. Central Excise Act, 1944
10. Labour Laws
11. Child Labour Act and Contract Labour Act
12. Documentation Laws
13. The Motor Vehicles Act, 1988

Semester – II

- 1) Strategic Supply Chain Management (SSCM)
- 2) E-Business
- 3) Project Management (Operations)
- 4) World Class Manufacturing

1) Strategic Supply Chain Management (SSCM)

01. Introduction to Supply Chain Management
02. Relationship Concerns in Integrated Supply Chain Management
03. Supplier Relationship Management (SRM)
04. Customer Relationship Management
05. Strategic Sourcing
06. Facility Location and Network Design
07. Supply Chain Integration Coordination and Collaboration
08. Global Logistics for Effective Supply Chain Management
09. Global Supply Chain Management
10. Information Technology & Information Systems in Supply Chain Management

2) E-Business

1. Computer Network
2. Web Publishing
3. E-Commerce
4. The Web Presence
5. E- Marketing
6. Technologies for E-Commerce
7. Electronic Data Interchange (EDI)
8. E-Payment
9. E-Security

10. E-Services
11. E-Business- An Evaluation
12. E-Business Intelligence
13. M-Commerce
14. The impact of e-business on different fields and industries
15. Case Studies

8) Project Management (Operations)

1. Introduction to Projects
2. Project Management Process
3. Project Financing and Evaluation
4. Project Estimation and Economic Analysis
5. Organising Projects
6. Project Planning
7. Networks for Project Management
8. Resource Levelling and Project Crashing
9. Project Implementation and Monitoring
10. Controlling Projects
11. Projects Contracts Management
12. Management Risk in Projects
13. Project Quality Management
14. Software Project Management
15. Issues in Project Management

4) World Class Manufacturing

1. Overview & History
2. Changing Scenario & Measures for WCM
3. Productivity & Work Study
4. Manufacturing Strategy
5. Product and Process Design
6. Waste Elimination
7. Toyota Production System (TPS)
8. Views of Experts (Gurus)
9. Lean Six Sigma
10. Modern Techniques
11. World Class Indian Companies

SCDL