



INSTITUTE OF HUMAN RESOURCES DEVELOPMENT

Prajo'e Towers, Vazhuthacaud, Thiruvananthapuram, Kerala, India. Pin695 014
<http://www.ihrd.ac.in>

POST DIPLOMA IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

(2 Semesters)

Scheme & Syllabus

2018

(Effective from January 2018 admission)



Institute of Human Resources Development
(Established by Govt. of Kerala)

Post Diploma in Logistics and Supply Chain Management

(2 semesters)

Subjects of Study and Scheme of Assessment (Scheme-2018)

Semester 1

Subject Code	Subject Name	No. of Hrs/Week		Minimum Marks			Maximum Marks		
		T	P	W/P	CE	T	W/P	CE	T
PDLSM101	Logistics Management	4	-	50	25	75	100	50	150
PDLSM102	Warehouse and Inventory Management	4	-	50	25	75	100	50	150
PDLSM103	Business Communication	4	-	50	25	75	100	50	150
PDLSM104	Materials Management and Purchasing	4	-	50	25	75	100	50	150
PDLSM105	Transportation Management	4	-	50	25	75	100	50	150
PDLSM106	Supply chain Management	4	-	50	25	75	100	50	150
PDLSM107	Mini Project	-	6	-	50	50	-	100	100
Total Duration : 400 Hours in 6 months		24	6	Total marks:			600	400	1000

Semester 2

Subject Code	Subject Name	No. of Hrs/Week		Minimum Marks			Maximum Marks		
		T	P	W/P	CE	T	W/P	CE	T
PDLSM201	Export and Import Trade Procedure	4	-	50	25	75	100	50	150
PDLSM202	International Business	4	-	50	25	75	100	50	150
PDLSM203	Legal aspects of Supply chain Management	4	-	50	25	75	100	50	150
PDLSM204	Shipping Management	4	-	50	25	75	100	50	150
PDLSM205	Global SCM and Strategic Sourcing	4	-	50	25	75	100	50	150
PDLSM206	Main Project	-	10	-	125	125	-	250	250
Total Duration : 400 Hrs in 6 months		20	10	Total marks:			500	500	1000

Legend: T – Theory, P- Practical, W/P –Written/Practical, CE- Continuous Evaluation

[Scheme-2018]

PDLSM101 Logistics Management

(Duration: 50 Hours)

Objectives:

1. The aim of this course is to introduce to Logistics role in Economy / organizations in terms of effective logistics service to the customers.
2. To offer wide knowledge on the fundamentals of logistics business
3. The student is expected to understand the overall logistics services and during this process, he learns to plan / implement / control / cost effectiveness and storage. Thus fulfilling the objectives of Logistics

Module 1

Logistics Role in the Economy/Organization - Definition of Logistics Objectives of Logistics-Functions of Logistics-Logistics and Customer Service - Definition of Customer Service-Elements of Customer Service-Phases in Customer Service-Customer Retention Procurement and Outsourcing - Definition of Procurement/Outsourcing-Benefits of Logistics Outsourcing-Critical Issues in Logistics Outsourcing. **(10hrs)**

Module 2

Inventory Role and Importance of Inventory - Introduction-Role of Inventory Importance of Inventory-Functions of Inventory-Costs for holding Inventory-Reasons for Carrying Inventories-Inventory Levels-Need for Inventory Control Inventory Management - Characteristics of Inventory-Need for Inventory and its Control Importance of Inventory Management in Supply Chain-Types of Inventory-Types of Selective Inventory Control Techniques-Inventory Planning Models-Improvement Inventory Management Materials Management - Objectives of materials management-Materials Planning-Purchasing-Basic Materials of Material Handling Types of Material Handling Equipments-LASH. **(10hrs)**

Module 3

Transportation - Participants in Transportation Decisions-Modes of Transportation-Factors Influencing Transport Economics-Documents in Transport Decision Making Warehousing/Distribution - Functions of Warehouse-Benefits of Warehouse-Service-Warehousing Alternatives-Warehouse Site Selection-Factors while initiating Warehouse Operations-Warehouse Management Systems Packing and Materials Handling - Functions of Packaging-Communication-Packaging Cost ,Types of Packaging Material-Unitization-Containerization-Designing a Package, Factors affecting choice of Packaging Materials. **(10hrs)**

Module 4

Global Logistics - Global Supply Chain-Organizing for Global LogisticsStrategic Issues in Global Logistics-Forces driving Globalization-Modes of Transportation in Global Logistics-Barriers to Global Logistics-Markets and Competition- Logistics Strategy - Requirements for an Effective Logistics StrategyStrategic Logistics Planning-Implementation of Strategy Logistics Information Systems - Functions of Logistics Information System(LIS)-LIS Flow-RFID-Principles of Logistics Information. **(10hrs)**

Module 5

Organization for Effective Logistics Performance - Centralized and Decentralized Structures-Stages of Functional Aggregation in Organization ,Financial Issues in Logistics Performance - Supply Chain Performance Measures-Steps in ABC Costing-Financial Gap Analysis Integrated Logistics - Need for Integration-Activity Centers in Integrated Logistics Role of 3PL&4PL - Principles of LIS. **(10hrs)**

Text Books:

1. Fundamentals of Logistics Management (The Irwin/Mcgraw-Hill Series in Marketing), Douglas Lambert, James R Stock, Lisa M. Ellram, McGrawhill/Irwin, First Edition, 1998.
2. Vinod V. Sople (2009) Logistic Management (2nd Edn.) Pearson Limited.

Reference Books:

1. Logistics Management For International Business: Text And Cases, Sudalaimuthu & S. Anthony Raj, PHI Learning, First Edition, 2009.
2. Fundamentals of Logistics Management, David Grant, Douglas M. Lambert, James R. Stock, Lisa M. Ellram, McGraw Hill Higher Education, 1997.
3. Logistics Management, Ismail Reji, Excel Book, First Edition, 2008.

[Scheme-2018]

PDLSM102 Warehouse and Inventory Management

(Duration: 50 Hours)

Objectives:

1. To understand various storage options available and procedures of managing the inventory in a systematic and orderly manner
2. To understand the different warehouses and operations involved and thus bridging the time gap between production and consumption of goods.

Module 1

Introduction to warehousing – concepts – decision making – operations – need for warehousing – issues affecting warehousing – various warehousing facilities – different types of ware houses – characteristics of ideal ware houses. (8hrs)

Module 2

Introduction to inventory management – role in supply chain – role in competitive strategy Role of inventory – functions of inventory - types of inventory – WIP inventory – finished goods inventory – MRO inventories – cost of inventories - need to hold inventory. (10hrs)

Module 3

Warehouse management systems – Introduction – the necessity of WMS – Logics of determining locations and sequences – independent demand systems – uncertainties in material management systems – dependent demand systems – distribution resource planning. (10hrs)

Module 4

ABC inventory control – managing inventories by ABC – multi – echelon inventory systems Managing inventory in multi echelon networks – managing inventory in single echelon networks. Various approaches – distribution approaches – the true multi echelon approach. (10hrs)

Module 5

The principles and performance measures of material handling systems – Introduction. Vehicle travel path(time) – Handling time – vehicle utilization – no of loads completed – congestion – Effective performance systems – Fundamentals of various types of material handling systems – automated storage and retrieval systems Bar coding technology and applications RFID technology. (12hrs)

Text Books:

1. Management Guide to Efficient Money Saving Warehousing, Stephen Frey, Gower, 1982.
2. J P Saxena, Warehouse Management and Inventory Control- Vikas Publication House Pvt Ltd, First Edition, 2003.
3. Warehouse Management: Automation And Organisation Of Warehouse and Order Picking Systems [With CDROM], Michael Ten Hompel, Thorsten Schmidt, Springer-verlag, First Edition, 2006.

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[Scheme-2018]

PDLSM103 Business Communication

(Duration: 50 Hours)

Objectives:

1. This course is intended to offer a good understanding of nature of Business Communication
2. To understand the methods of communications, technology and terminology used in Business Communication

Module 1

Fundamentals Of Communication, Business Communication – Pre-Course Self Assessment - The Paradox Of Communication – Key To Good Communication Skills. **(10hrs)**

Module 2

Communication In Teams – Introduction – Key Areas Of Business Communication – Principles In Use Of Audio – Video In Communication, Non Verbal Communication – Introduction – Categories – Function – Conclusion. **(10hrs)**

Module 3

Writing Business Messages – Introduction – Key Ingredient In Composing A Message, Revising Messages – Introduction – Simple Revision - Fog Index – Words That Communicate - Finalizing The Editing Exercise. **(10hrs)**

Module 4

Reports & Proposals – Introduction – Developing And Preparing Business Reports – Planning & Researching Reports & Proposals – Developing A Statement Of Purpose – Prepare Work Plan, Developing And Preparing Business Reports – Presenting Format Of A Report – What & How To Conclude. **(10hrs)**

Module 5

Developing And Preparing Business Reports – Presenting Format Of A Report – What & How To Conclude , Format, Visual Aids & Contents - Introduction – Using Visual Aid – Process – Design. **(10hrs)**

Text Books:

1. Business communication by Urmila R. 2. Business communication Introduction by SM Rai.
- 2 . Business communication – Indian Institute of Logistics communication manual.

[Scheme-2018]

PDLSM104 Materials Management and Purchasing

(Duration: 50 Hours)

Objectives:

The Objective of this course is to gain the knowledge of possibilities of efficient optimization and management of operation in Purchasing and Inventory Management and also the ability to apply them in the enterprise reality to improve the overall efficiency of the firm.

Module 1:

Purchase policy- Rate and Running Contract – Subcontracting- Systems Contract – Stockless purchase –Buying seasonal items – Forward Buying – Hedging – Purchasing Activities – Indent Status – A to Z of Purchase Order – Transportation – Incoming Inspection – Bill settlement –Documentation. **(10 hrs)**

Module 2:

Meaning of Right Price – Price Analysis – Determination of Right Price – Influencing Factors on Pricing – Classification of Pricing – Price Forecasting - Right Place – Purchase Budgets – Budgetary control – Need Identification Problems – Definition of lead time Elements- Cost Reduction and Lead time. **(10 hrs)**

Module 3:

Relevance of Good Supplier - Advantages of Good Relations –Prerequisites – Evaluation of Suppliers – The Buyers Role – Role of the Vendor –Relevance of Good Suppliers – Need for vendor evaluation – Goals of Vendor Rating – Advantages of Vendor Rating – Parameters of Vendor Rating. **(10 hrs)**

Module 4:

Role of Material Management – Classes of Material – Materials and Profitability – Profit Center Concept – Material Objective –Centralized Purchasing-Decentralizing – Delegation of Powers – Definition of Material Planning –Bill of Material – Material Requirement Planning – Importance of Material Research- Definition – Advantages of Materials Information System. **(10 hrs)**

Module 5:

Codification – Classification – Methodology–Requirement of codes – Coding Structure and Design –Advantages - International Codification – Cost and Consequences – Right Quantity – Economic Ordering Quantity – Derivations of EOQ. **(10hrs)**

REFERENCE:

1. Gopalakrishnan P.– Purchasing and Materials management – Tata McGraw Hill

[Scheme-2018]

PDLSM105 Transportation Management

(Duration :50 Hours)

Objectives:

1. The main aim of this course is to understand role of distributors – designing various distribution channels – networking the role of transportation
2. Will effectively be able to manage transportations – inventory warehousing – various distribution channels – costs and value measures.

Module 1

Introduction - role of distribution in supply chain – transportation management – warehousing concepts – designing distribution channels – understanding distribution costs Advantages of distribution models – disadvantages of distribution models – prerequisites Of distribution – comparing distribution networks. Transportation management Meaning and Definition -Role of transportation and distribution in Supply chain and logistics management – Importance of an effective transportation system - Characteristics of transportation modes and selection – General criteria for carrier selection – Basics modes of transportation – Transport documentation - Transport economics and pricing –Costing of transportation service. **(10 hrs)**

Module 2

Distribution network planning – various factors in distribution - delivery lead time and local facilities – optimization approach and techniques – material management process – role of transportation – transportation principles and participants – contribution of various agencies in transportation. **(8 hrs)**

Module 3

International Air transportation – Types of aircrafts – Air cargo Regulations – Truck and Rail Transportation – Inter model – pipe lines – Packaging objectives – TCL,LCC – Refrigerator – goods – customs duty – Non Traffic barriers – customs cleaning process – International logistics Infrastructure-Transportation Selection – Tradeoff – modes of transportation – models for transportation and distribution. **(7hrs)**

Module 4

Transportation modes – performance characteristics and selection – various modes of transportation (multimodal) – merits of each all modes of transportation – transportation performance costs and value measures – understanding – comparing – cost components of multimodal transportation. - Transportation routing decisions – transportation administration – transportation operations management – consolidation of freight – cost negotiations – Transportation management strategy – TMS transportation management system – Transportation services – transportation cost consideration – transportation rate profiles - various trends in transportation – application of information technology in transportation – E commerce Intelligent transport management systems. **(15 hrs)**

Module 5

Transit operation softwares – geographic information systems – advanced fleet management systems – intermodal freight technology – transportation security initiatives And role of technology – various inspection systems. **(10 hrs)**

Text Books:

1. Management of Modern City Transportation System, M Mustafa K K Dewan, Deep & Deep
2. Sunil chopra and P Meindl , supply chain management strategy .
3. Transportation Management – Imperatives and Best Practices, S. Jaya Krishna, ICFAI University Press, 2007.
4. Marine Transportation Management, Henry S. Marcus, Auburn House Pub. Co.,1986.
5. Management of Transportation, Bardi Edward J., Cengage Learning (Thompson), 6th Edition 2006 International Edition

[Scheme-2018]

PDLSM106 - Supply chain Management

(Duration: 50 Hours)

Objectives:

To impart knowledge and understanding to students on Supply Chain Management and its relevance to today's business decision making.

Module 1:

Supply Chain definition – Objectives – Types – Various definitions Introduction: Basic Concept & Philosophy of Logistics and Supply Chain Management; Essential features, Various flows (cash, value and information), Key Issues in SCM, benefits and case examples. Introduction to supply chain, Current supply chain strategies, (10 hrs)

Module 2:

Strategic fit, Different Channels of distribution. Logistics as part of SCM, Logistics costs, different models, logistics sub-system, inbound and outbound logistics, bullwhip effect in logistics, Distribution and warehousing management. – Drivers – Need for SCM – SCM as a profession – SCM decisions and skills – Strategy formulation in SCM - Inventory flows and supply chains, – Value in Supply Chain – Tradeoffs – CRM Strategy relationship matrix (10 hrs)

Module 3:

Transportation Selection – Tradeoff – modes of transportation – models for transportation and distribution – factors affecting network effectiveness – 3 PL advantages – Indian transport infrastructure – IT solutions – EDI, e-Commerce, e-Procurement – Bar Coding and RFID technology. (10 hrs)

Module 4:

Critical business processes and information systems – DBMS – benefits of ERP – information system and bull whip effect – SCM software packages – modeling concepts – Vendor analysis model – Coordinated SCM – Simulation modeling- Reverse Vs forward supply chain – types of reverse flows – collaborative SCM's and CPFR – agile systems – sources of variability – characteristics – supplier interface – internal processes. (10 hrs)

Module 5:

Supply Chain Management and profitability – quality management – mass customization and globalization – ethical Supply Chains – e-business and SCM – Balanced Score Card – Benchmarking, Performance measurement. (10 hrs)

Text Book:

1. Mohanty R.P, S.G Deshmuki "Supply Chain Management" Biztantra, New Delhi

[Scheme-2018]

PDLSM107 Mini Project
(Duration :100 Hours)

Course Objectives:

The aim of this course is to understand various infrastructure / facilities / operations / costings that are involved in the logistics industry.

Learning Outcomes:

To get in depth knowledge of operation practices in the industry and submit reports on completion of each visit. The following are areas of practical visits conducted:- Ports and terminals / Port operations / Container Frieght Stations, Warehouses / Domestic warehouse / Bonded warehouse / Go downs/ Inland container depots / Empty container plots Toll gates / Air cargo complex

STUDENT ASSESSMENT :

1. The students are to prepare a practical visit report and record of the same to be maintained.
2. The students shall be assessed in any of the attended practical visits.

(Total 100hrs)

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[Scheme-2018]

PDLISM201 - Export and Import Trade Procedure

(Duration: 50 Hours)

Objectives:

1. It covers Internal Distribution of goods through Multimodal Transportation
2. Various methods and procedures used while loading and discharging cargoes
3. Code of safe practices while handling lifting gears and cargoes.
4. The student should be able to understand the role of Logistics through Multi Modal Transportation, Physical Multi Modal Operations, Air Transportation, Trade routes and cargoes, multi Modal Operators, sale and contact operators.

Module 1

Basic Concepts of Cargo Work - Bale Capacity-Grain Capacity-Stowage Factor-Broken Stowage-Load Density-Optional Cargo-Cargo Documents-Mate's Receipt-Bill of Lading Care of Cargoes - Precautions before loading/When Carrying Cargo-Sweat and Ventilation-Dew Point-Dunnage- Separation- Pilfering-Contamination-Handling / Chafing /Crushing-Lashing-Ballasting or Deballasting-Damage-Stability Lifting Gear - Safe Working Load-Breaking Stress-Factor of Safety-Simple Derrick-Union Purchase System-Heavy lift Jumbo Derrick-Precautions when handling heavy lifts-Stuelcken Derricks-Cranes. (12 Hrs)

Module 2

Code of Safe Practice for Solid Bulk Cargoes Aim of Code-Solid Bulk Cargoes-Angle of Repose-Concentrates-Moisture Migration-Moisture Content-Flow Moisture Point Transportable Moisture Limit-Hazards due to Bulk Cargoes-Structural Hazards and Precautions-Trimming Requirements-General Precautions when holding Bulk Cargoes-Safety Precautions-Properties of Concentrates-Hazards of Concentrates Precautions when Carrying Concentrates - Some Common Cargoes - Hazards- Precautions-Hold Preparation-Cotton-Rice-Dunnage-Spar Ceiling-Loading and Ventilation-Cement, IMDG Code. (12 hrs)

Module 3

Aim-Application-Classification-Packing-Marking/Labelling/Placarding-Documents Stowage Requirements-Explosives in Passenger Ships-Segregation-Types of Segregation-Precautions for Loading Dangerous Goods , Unit Loads and Containers - Forms of Unitization- Preslung Cargo- Palletization-Containers- Physical Characteristics of Containers-Types of Containers-Stowage and Securing-Stability Lifting a Container-LASH&RO-RO Ships- Refrigerated and Deck Cargoes - Types of Refrigerated Cargoes-Refrigeration Systems-Cargo Operations-Deck Cargoes, Tanker Operations Flammability-Methods of Gas Freeing Tanks-Tanker Operation Systems and their Associated Pipelines-Types of Cargo Pipeline Systems-Operational Procedures-Safety Procedures-Gas Detecting Instruments-Inert Gas System-Crude Oil Washing-Pollution-Cargo Calculations. (14 hrs)

Module 4

Some Common Cargoes Hazards-Precautions-Hold Preparation-Cotton-Rice Dunnage-Spar Ceiling-Loading and Ventilation-Cement, More Cargoes ,Sugar-Rubber Salt-Pulp & Paper Rolls-Iron and Steel Cargoes, - Principle of Stowing Cargo-Safety of Ship and Crew-Safety of Cargo-Properties of Cargoes Dock Labourers Act,1934 Inspectors-Powers of Inspectors-Obligations of Dock Workers. (7 Hrs)

Module 5

Introduction – genesis of freight forwarding – understanding concepts of containerization LCL / FCL concepts – various sectors of container markets – Pre stuffing procedures De stuffing formalities – channelization of return / empty containers – reverse process. (5 hrs)

Text Book:

1. Multimodal Transport Rules, Hugh M. Kindred, H. M. Kindred, M. R. Brooks, Kluwer Law International Publisher, 1st Edition, 1997.
2. Multimodal Transportation of Goods Act, 1993 Along With Allied Rules, Professional Book Publishers.
3. Laws of Carriage of Goods by Sea and Multimodal Transport In India, Dr. K. V. Hariharan, Shroff Pub & Dist. Pvt. Ltd, First Edition, 2006 Containerisation, Multimodal Transport and Infrastructure Development in India, Dr. K. V. Hariharan, Shroff Pub & Dist. Pvt. Ltd, 2007

[Scheme-2018]

PDLSM202 - International Business

(Duration: 50 Hours)

Objectives:

1. The aim of this course is to introduce to Introduction to International Business / organizations in terms of effective logistics service to the customers through International trade.
2. To offer wide knowledge on the fundamentals of International business
3. The student is expected to understand the overall concepts in International Business. Thus fulfilling the objectives of understanding concepts and applying in International Business.

Module 1

AN OVERVIEW OF INTERNATIONAL TRADE - Merchandise trade; trade in services; global sourcing; counter trade; global trade and developing countries theories of international trade - Mercantilism; absolute cost theory; comparative cost theory; opportunity cost theory; factor endowment theory; complementary trade theories-Stopler-Samuelsson theorem; intra-industry trade; economies of scale; different tastes; technological gaps and product life cycles; availability and non-availability ; trade in intermediate goods; Dutch disease; Transportation cost and international trade – competitive advantage of nations GAINS FROM TRADE AND TERMS OF TRADE - Gains from trade: terms. **(10 hrs)**

Module 2

TRADE POLICY (FREE TRADE VERSUS PROTECTION - Arguments for free trade; arguments for protection; demerits of protection; trade barriers; non-tariff barriers; REGIONAL ECONOMICS INTEGRATION (TRADE BLOCS) AND CO-OPERATION - Types of integration; European Union; EU trade; other regional groupings; economics integration of developing countries ; south-south co-operation ; SAARC;SAPTA; indoLanka Free Trade agreement; INTERNATIONAL COMMODITY AGREEMENTS, CARTEL AND STATE TRADING - Commodity agreements-quota agreements; buffer stock agreements –cartels; states trading; bilateral/ multilateral contracts BALANCE OF PAYMENTS - Components of balance of payments; balance of disequilibrium; correction of balance of payments disequilibrium; financing of BOP deficit INTERNATIONAL MONETARY SYSTEM - Pre-Bretton Woods Periods; Bretton Woods system; managed floating. **(10 hrs)**

Module 3

BALANCE OF PAYMENTS - EMS, ECU and Euro. FOREIGN EXCHANGE MARKET - Meaning nature & functions; determination of exchange rates; purchasing power parity theory; balance of payments theory ;exchange control; exchange rate systems; exchange rate classification ; convertibility of rupee; devaluation ; currency exchange risks and their management ;foreign Exchange Management Act (FEMA). EURO CURRENCY MARKET - Meaning and scope; important features of the market; origin and growth; factors that contributed to the growth; supply and demands; an evaluation of the Eurocurrency market. INTERNATIONAL FINANCIAL AND DEVELOPMENT INSTITUTIONS - International Monetary Fund; Special Drawing Rights (SDRs); IMF and international liquidity; World Bank; International Development Association. **(10 Hrs)**

Module 4

World Bank assistance to India; an evaluation of IMF – World Bank; International Finance Corporation; Asian Development Bank; UNCTAD; UNIDO; International Trade Centre; WORLD TRADE ORGANIZATION (WTO) - GATT; the Uruguay Round; World Trade Organization; salient features of UR agreement; GATS; TRMs; TRIPs; patents; dispute settlement; anti – dumping measures; an evaluation of UR agreement; UR agreement and development countries; UR agreement and India. International Investments - Types of foreign Investment; significance of foreign investment; limitations and dangers of foreign capital; factors affecting international investment; growth of FDI; dispersion of foreign investment; portfolio investment; cross- border M & As; foreign investment in India; the New policy. **(10 hrs)**

Module 5

FII investments; Euro / ADR issues, merges and acquisitions; foreign investment by Indian Companies
MULTINATIONAL CORPORATIONS (MNCs) - Definition and meaning; importance and dominance of MNCs; code of conduct; multinationals in India- GLOBALISATION - Meaning and dimensions; stages of globalization; essential conditions of globalization implications & impact of globalization; globalization of Indian business. FOREIGN TRADE POLICY AND REGULATION - Foreign trade policy ,2004-09;regulation and development of foreign trade; foreign trade (Development and Regulation) Act; export promotion; EOUs,EPEs and Sezs;international trade financing ;payment terms ;institutional finance for exports ;Exim Bank; export credit risk insurance. - TRADE AND BOP OF INDIA - Highlights of India's Trade performance; determinants of export ;determinants of imports; major exports ;export product country matrix; major imports; direction of trade ; trends in invisibles and current accounts ;balance of payments ; major problems of India's exports sector. **(10 Hrs)**

Text books.

1. Francis Cherunilam - International business management
2. Hill. C.W International business: competing in global market place.
- 3 .Philip R .Cateora International marketing.
4. Charles W.L. Hill – International Business.

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[Scheme-2018]

PDLISM203 - Legal aspects of Supply chain Management

(Duration: 50 Hours)

Objectives

- 1) Gain an increased knowledge of the legal aspects of purchasing.
- 2) Implement the knowledge attained to reduce the risk of exposure to breach of contract.
- 3) Utilise the tools taught to make successful claims.

Module 1

The Indian Contract Act 1872 , Definition of contract, essentials elements and types of a contract, Formation of a contract, performance of contracts, The Sale of Goods Act 1930, Income Tax Act And Sales Tax Act, Overview of central Sales Tax Act 1956 –Definitions, Scope, Incidence of CST, Practical issues of CST, Value Added Tax – Concepts, Scope, Practical Implications of VAT and Goods & Services Tax (GST). **(10 Hrs)**

Module 2

Introduction and Objectives-The Impact of Law on Purchasing - Sources of Law -The Law of Contract - Essentials of a Valid Contract - The Law applicable to Tenders, Letters of Intent & Letters of Comfort-The Battle of the FormsVoid and Voidable Contracts-Mistake, Misrepresentation and Duress-Implied Terms-Sale of Goods Act in Trinidad & Tobago-Conditions and Warranties in Contracts-The Principles underlying Breach of Contract and the remedies-Liquidated Damages and Unliquidated Damages-Law of Contract – Benefits of the Long Form Contract compared to the Purchase Order-Agency Law-The rules on Delivery and Acceptance in the supply of goods-Legal Aspects of Purchasing and Supply for the International movement of goods-Jurisdiction-Law governing contracts-Dispute Resolution Procedures for Domestic and International Contracts-Consumer Protection and Health and Safety laws in Trinidad and Tobago-Non – Contractual liability –Negligence liability-Ethical Considerations in Contracts i.e. The Duty to avoid conflicts of interest and bribery. **(15 hrs)**

Module 3

Legal framework of India's Foreign Trade – The Foreign Trade Development and Regulation Act (1992) – Import and Export (Control) Act (1947) – Foreign Trade Regulation Rules (1993) – Foreign Trade (exemption from application of rules in certain cases) order 1993 – Notification under Foreign Trade (development & regulation) Act 1992 – Regulatory environment of International Business – Exchange control regulations in India. M.I.B. -2012-13 & Onwards -Colleges Annexure No. 47D. **(15hrs)**

Module 4

Technology import contract – Technology Policy and environment – Selection and transfer issues – Law for protection of Intellectual Property Rights, Patents, Trademarks, etc., Law of product liability – Laws relating to customs practices and procedures – settlement of International Trade disputes – Carriage of goods by sea, air and over road. **(10 hrs)**

Text Books

1. Mercantile Law : N. D. Kapoor
2. International Marketing, Analysis and Strategy :Sakonkvisit and Shaw
3. International Trade and Export Management : Francis Cherunilum
4. International Trade : M. L. Varma
5. Export Management : T. A. S. Balagopal

[Scheme-2018]

PDLSM204 - Shipping Management

(Duration :50 Hours)

Objectives:

1. This course is intended to offer a good understanding of nature of worldwide Shipping business and including its structure & organization specially related to the international trade.
2. To understand the methods of operations, technology and terminology used in shipping Business.

Module 1

The business entity – Sole Trader, Partnerships, Limited liability companies, Horizontal and Vertical integration, Company organization and management, Management accounts, Statutory Accounts, Quality Management. The Practitioners in Shipping Business – The Merchant, The Chartering Markets, The Charter Party, The Anatomy of Charter Parties, Time Charters, The Market at Work, The Tanker Market, Chemicals and Other Products, Tanker Charter Parties, The Practitioners. The Practitioners (Contd...) – Ship Sale & Purchase, Scrapping- Mothballing, New buildings, Second hand tonnage, Financing the purchase, Valuations, Ship Managers, Crewing, Total Management, Technical, Operations, Administration, The contract. **(6 hrs)**

Module 2

Port Agents, The Agents fee, European Community, The Agents Duties, Liner Agency, Dealing with the Ship, Dealing with outward Cargo, Dealing with Inward Cargo. Business Ethics – What are ethics?, Ethics in Shipping business, Maritime Fraud, Insurance Fraud, Documentary Fraud, Other areas of Fraud, Other Criminal Activities, Detecting and Avoiding Fraud. **(7hrs)**

Module 3

The Geography of Trade – Sea Borne Trade, Oil, Coal, Ores, Grains, Other dry Bulk Cargoes, Unitised Cargo, Ports, LOA, Beam, Draft, Air Draft, SWAD, FWAD, BWAD, Bar Draft, ST Lawrence Seaway, Panama Canal, Suez Canal, Political Restrictions, Trade Union Disputes, Natural Phenomena Tides, Weather and Navigation, Ocean currents, Ice, Weather Routine, Oceans, Navigational and Seasonal Zones International Trade and Finance : International Terms Of Sale – The Basic Contract, Goods, Property, Risk, International Contracts of Sale - Incoterms, FAS, FOB, Variants on FOB Contract, CIF, CFR, DES, DEQ, EXW, FCA, CPT, CIP, DAF, DDV, DDP, Remedies for Breach of Contract, Remedies of the Seller, Stoppage in Trans situ, Lien, Remedies of the Buyer, Specific Performance, Law & Jurisdiction, Postscript. **(14 Hrs)**

Module 4

Finance in International Trade – Methods of Payment, Cash with Order, Open Account, Bill of Exchange, Documentary Letter of Credit, Documents Confirming Houses, Foreign Exchange Fluctuations, Spot Rate, Forward Exchange Contracts, Foreign Currency options, Transaction cost in International Trade, Insurance, Insurable Interest, Trade Terms in Export Sales, Warranties, Types of policies for Cargo, Effecting Insurance, The Assessing of a Risk, Conditions of Insurance, Institute Cargo Clauses, Institute War Clauses, Premiums, Claims Procedures, The Principal of Average. **(12 Hrs)**

Module 5

International Shipping Organizations – Ship owners' Organization, Inter cargo, INTERTANKO, BIMCO, Brokers & Agents Organizations, The Institute of Chartered Ship Brokers, The Baltic Exchange, Ethics, FONASBA, FIATA, United Nations Organizations, IMO, UNCTAT, ICC, IMB, The Corporations of Lloyds, Lloyds Agents, Classification Societies, Lloyds Register of Shipping, IACS, ITF. Communication in business – Basic Principles of Business Communication, Modes of Communication, Public Speaking and Broadcasting, The Telephone, Punctuation, Grammar & Syntax, Letters, Writing for the Media, Memoranda, Visual Communication, Graphs, Charts, Communication by computer, Electronic Mail, Electronic Data Interchange, Data Storage and Retrieval, The Internet & e-commerce **(11 hrs)**

Text Books:

1. Shipping Business by institute of chartered ship brokers.
2. Witherby seamanship international limited - second edition
3. Shipping Biography Introduction: Jacob Kamm, Sean Connaughton, Gustaf Erikson, Robert Moran, Sir George Renwick, 1st Baronet, Llc Book, 1994.

[Scheme-2018]

PDLSM205 - Global SCM and Strategic Sourcing

(Duration:50 Hours)

Objectives

1. Develop an understanding of the state of the art of strategic management thinking as it applies to firms with global operations and functions
2. Develop an awareness of the organizational structures used in operations and logistics, and their strengths and weaknesses
3. Global operations and logistics are response to the increasing integration of international market as firm try to remain competitive. so it helps to know about the international market strategies.
Global firm to identify and analyze factors that differ across nations that influence the effectiveness of their operation functions.

Module 1

Globalization of business, Drivers of Globalisation, Global strategy, The concept of global logistics and global supply chains, Global supply chain management versus domestic supply chain management, The trend towards globalization in the supply chain, Global economic environment, Global logistics and supply chain management, The global supply chain strategy, Global sourcing, Global purchasing and supplier relations outsourced manufacturing, (10 hrs)

Module 2

Concept of MNCs – Emergence and growth of MNCs – Process of Internationalization – Types of MNCs – Factors behind growth of MNCs – Problems and benefits from MNCs – Special problems of MNCs and developing countries. Global Strategy and Global Strategic Management; Constructing Scenarios; Environmental scanning techniques- ETOP, PEST and SWOT (TOWS). (8 Hrs)

Module 3

Matrix; Michael Porter's Diamond Framework; Analysis of Operating Environment - Michael Porters Model of Industry Analysis; Strategic Group Analysis; International Product Life Cycle (IPLC) Strategic Management of MNCs – SWOT Analysis – components of Strategies – Levels of Strategies – Corporate level, business level and functional level strategies – strategy formulation and implementation (8 hrs)

Module 4

Strategic planning in MNCs – Concept of Strategic Planning – Need – Focus modes – Planning for expansion – Planning for competitive advantage and market leadership – Planning for core competence – Environmental scanning and planning – Case studies. Organisational strategies of MNCs – Organisational theories applicable to MNCs – Structure of MNCs – American, European and Japanese organizational designs of MNCs – Designing appropriate strategy – organizational aspects of Integration of subsidiaries (12 hrs)

Module 5

Strategic adoption to local conditions – MNC culture – Business Ethics – Social responsibility. – Case studies. Ownership Strategy of MNCs – International joint ventures – International Strategic Alliances – Foreign subsidiary – mergers and acquisition – Problems, prospects and patterns of each form – Case studies. International Competitive Strategies – Generic Strategies and competitive advantage – Strategic options and strategic choice Global / national competitive strategies – International Portfolio strategy International Competitive Strategies – Global / local taxation – Co-ordination / centralization – Transnational strategy Alternative Methods of strategy implementation. (12 Hrs)

References:

1. Sethi, S Prakash & Holton, Richard H, "Management of the Multinationals : Policies, Operations & Research", NY, Free Press.
2. Singh, Chaitram, "Multinationals, the State, and the Management of Economic Nationalism", NY: Praeger, 1989.
3. Gladwin, Thomas N & Ingo Walter, "Multinationals under Fire: Lessons in the Management of Conflict", NY, John Wiley & Sons, 1980.
4. Stopford John M & Loius T Wells Jr., "Managing the Multinational Enterprise".
5. Dunning, J H "The Globalisation Business", Routledge, 1993.

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[Scheme-2018]

PDLSM206 Main Project

(Duration: 150 Hours)

Students are required to undertake a Research for in a relevant specialization. They must submit a research report on the relevant specialization guided by the Qualified External Examiner before the end of 2nd semester.

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[Scheme-2018]

Post Diploma in Logistics and Supply Chain Management

1. Question paper pattern

Duration of Exam. : 3 Hrs.

Maximum marks : 100

Part - A Short Answer type Questions with answer size up to 1 page per question. 5 Marks each

Part - B Descriptive type Questions with answer size up to 2 to 3 pages per question. 15 marks each.

Marks Distribution

Part	No. of questions	Need to be answered	Marks/Question	Total
A	5	5	5	25
B	10	5	15	75
Total				100

Remarks:

- Each part should cover questions from each module in the syllabus.
- The level of difficulty shall be as follows
 - Easy Questions : 30% -40%
 - Intermediate level to difficult : 30% -40%
 - Difficult questions : 20% -30%
- The question paper setters must prepare and submit the question papers as per the following guidelines.
 - Question paper must be designed and prepared to fit in an A4 size paper with one inch margin on all four sides.
 - Prepare the Question in MS-Word/Open office-Write document format. Use only "TimesNewRoman" font with size 10. Align text to both left and right margins.
 - Please leave 5 cm. free area at the top of the front page of each question paper to place examination details/Question paper header by the examination department.
 - Avoid placing 1 or 2 questions in the last part in a fresh page, unless it is absolutely necessary. In such case, try to accommodate above questions in the previous page(s) by adjusting top/bottom margins and line spacing, if possible. This will reduce printing expenses.
 - Specify marks for each question/part clearly.
 - Clearly specify the number of questions to be answered for each Part.
 - Confirm that no questions in part B is repeated in Part C also.
 - Avoid repeating questions in Part C from the immediate previous examination.
 - Key for evaluation must be prepared and enclosed in a separate cover and should be submitted along with the question paper set. Key for evaluation must specify evaluation guidelines for each part in the question paper, otherwise the key prepared will be treated as incomplete.
 - Submit Question paper in Laser print out form only. Hand written and printed in poor quality printers is not acceptable.

[Scheme 2018]

Post Diploma in Logistics and Supply Chain Management

2. Scheme for Continuous Evaluation.

1. For Theory Papers: Weightage

- a). Average of minimum Two test papers : 30%
- b). Average of minimum Two Assignments : 30%
- c). Score for Seminar : 20%
- d). Score for Class Attendance. : 10%
- e). Overall performance in the class. : 10%

2. For Practical Papers: Weightage

- a). Average of minimum Two Lab tests : 30%
- b). Average of minimum Two Lab Assignments : 30%
- c). Maintenance of Lab record : 20%
- d). Score for Lab Attendance. : 10%
- e). Overall performance in the Lab. : 10%

3. Teachers shall submit Mark list for Continuous Evaluation to the Head of Institution in the following format.

Subject:

Sl no.	Regno.	Name	a.Test	b.Assignment	c.Attendance	d.Performance	Total

4. Head of Institution/Co-ordinator shall forward Continuous evaluation marks to the Examination Department in the following format only.

Centre:

Sl No.	Regno	Name	PDLSM101 50	PDLSM102 50	PDLSM103 50	PDLSM104 50	PDLSM105 50	PDLSM106 50	PDLSM107 100

5. Continues evaluation(sessional) marks must be published in the notice board at least one week before the commencement of theory examinations after getting approval from the Head of Institution/Co-ordinator.

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Thiruvananthapuram
February 21, 2018

Sd/-
Director