SEMESTER V

5.1 Human Resource Management

Unit	Title	No. of
I	Introduction to HRM	Lectures 15
1	 Definition, Features, Scope/Functions of HRM, Definition of Personnel Management. Evolution of HRM/ Trends in HRM, Difference between HRM and PM, Challenges before the HR manager, Role of HR Manager, Traits/Characteristics of the workforce, Personnel Philosophy, Personnel Manual. 	13
	 Human Resource Planning Definition of HRP Process of HRP along with brief coverage of personnel demand and supply forecasting techniques Factors affecting HRP Human Resource Information System (HRIS), VRS, Outsourcing, Pink slip/ termination/ retrenchment/ downsizing/ separation Contracting and Sub- contracting Promotions and Transfers 	
II	Job Analysis, Job Design and Job Evaluation	15
11	 Job Analysis - Definition, methods of collecting job data, merits and demerits/limitations Job Design - Definition, Factors affecting Job Design, Approaches to Job Design Job Evaluation - Definition, methods of job evaluation, process of Job Evaluation. 	13
	 Recruitment, Selection and Induction Recruitment – Definition, sources of recruitment, merits and demerits Selection – Definition, process of selection, types of selection tests, types of interviews Induction/Orientation – definition, methods, process Placement 	
	 Training and Development Definition of Training and Development, Methods of training managers, Process/ procedure of conducting training programme, How to evaluate effectiveness of training programmes, Advantages of T&D 	

Unit	Title	No. of Lectures
III	 Performance Appraisal Definition of Performance Appraisal, Methods of Appraisal for managers – traditional and modern Process / procedure of conducting performance appraisal Advantages of performance appraisal Limitations of Appraisal 	15
	 Compensation Management Definition of compensation, Components of Salary / Salary slip, Fringe Benefits – definition and types, Performance linked incentives/ incentives- definition, advantages and disadvantages. 	
	 Career Planning And Development Definition of Career Planning and Career Development, Process/ Procedure of Career Planning, Career Stages/ Career Life Cycle and how to handle personnel at each stage, Essentials to make career planning successful, Career Counselling, Employee Retention techniques, 	
IV	 Succession planning Participative Management Definition of Participative Management, Levels of participation Trends in Participative Management Factors essential for successful participative management Forms of participation Participation through Quality Circles Empowered Teams Industrial Relations Definition of Industrial Relations, Features of Industrial Relations, Importance of Industrial Relations, Approaches to Industrial Relations, Parties to Industrial Relations 	15
	 Trade Unions Definition of Trade Union, Features of Trade unions, Trade union movement in India/ Trends in the Trade Union 	

Recommended Books:

- 1) **K.** Aswathappa, "Human Resources & Personnel Management- Text And Cases Fourth Edition", Tata Mc Graw Hill
- 2) Jayashree Sadri, Sorabh Sadri "A Strategic Approach to Human Resources Management". Jaico Publishing House, Mumbai
- 3) Mamoria, "Personnel Management", Himalaya Publication
- 4) Edwin B Flippo, "Principles of Personnel Management", Mc Graw hill International
- 5) M. Nair And T.V. Rao, "Excellence Through HRD", Tata McGraw Hill publications
- 6) Micheal Armstrong, "Handbook Of Human Resource Management Practice", Kogan Page
- 7) Gary Dessler, "Human Resource Management", Pearson Education.
- 8) Saiyadain, "Human Resource Management", Fourth Edition, Tata McGraw Hill publications
- 9) William J Rothwell and H.C. Kazanas Planning & Managing Human Resources Jaico Publishing House, Mumabai, 2nd Edition, 2008.

5.2 Service Sector Management

Units	Title	No. of Lectures
I	Introduction to Services Marketing	15
	Role of services in modern economy	
	 Distinctive characteristics of services 	
	 Marketing Challenges of services 	
	Services marketing environment	
	Goods Vs Services marketing	
	Goods-service continuum	
	• Consumer behaviour	
	Services marketing triangle	
II	Key Elements of Services Marketing	15
	 Product –Pricing Communication Mix 	
	 Distribution –People –Physical Evidence – Process 	
	 Positioning – Market Segmentation 	
	Balancing of Demand and Capacity	
	 Branding of Services – Problems and solutions 	
III	Service Quality	15
	 Improving service quality and productivity 	
	 Service quality – Gap Model 	
	 Measuring & improving service quality 	
	 Defining productivity-improving productivity 	
	• Service recovery	
	Complaint handling	
IV	Service Management	15
	• Meaning	
	• Vision –mission strategy	
	Service leadership	
	Service Mapping	
	• Flowcharting	
	Benchmarking	
	Internal Marketing	
	• Productivity	
	Current Status and Future Prospects	

References Books

- 1) Valarie A. Zeithaml & Mary Jo Bitner, "Service Marketing", Tata McGraw-Hill editions.
- 2) Christoper Lovelock, Jochen Wirtz, Jayanta Chatterjee, "Service Marketing People, Technology, Stragegy- A South Asian Perspective", Pearson education.
- 3) Harsh V. Verma, "Services Marketing Text & Cases", Pearson Education
- 4) K. Ram Mohan Rao, "Services Marketing", Pearson Education
- 5) Jay A. Kandampully, "Services Management: The New paradigm in Hospitality", Pearson Education
- 6) C. Bhattacharjee, "Service Sector Management", Jaico Publishing House, Mumbai, Edn 2008.
- 7) Govind Apte, "Services Marketing", Oxford Press
- 8) S.Balachandran, "Customer Driven Services Management", Response Book

5.3. Financial Management

Units	Title	No. of Lectures
I	Introduction:	15
	 Meaning and Scope of Financial Management Functions and Objectives of Financial Management Changing Role of Finance Managers 	
	Working Capital Management	
	• Definition - GWC & NWC (Explain Core Assets & Non Core Assets)	
	Components of Working CapitalFactors Determining Working capital	
	Receivables Management	
	 Meaning and Importance Credit Policy Variables Case Study on Credit Evaluation Methods of Credit Evaluation Traditional and Numerical Credit Scoring Monitoring the Debtors – Techniques DSO, Ageing Schedule, Collection Matrix 	
	Cash Management	
	 Motives Of Holding Cash Strategies Of Cash Management Cash Budget: Meaning and objectives Budgeting of receipts and payments- Trading, non trading and capital Preparation of monthly budget and finding out closing cash Balance (Excl. Financial Statements to be made From the Working Capital Estimation) 	
II	Cost Of Capital & Capital Structures:	15
	 Types of capital Debt Equity Retained Earnings Preference Cost of Capital for each type of capital Weighted Cost of Capital Marginal Cot of Capital (w.r.t. Expansion). 	

	Designing Capital Structure Alternatives	
	Types of Leverages (Combined , Operating , Financial)	
Unit	Title	No. of
		Lectures
III	Capital Budgeting:	15
	• Introduction, types of capital, sources of capital	
	• Evaluation of capital expenditure proposal from given cash flow, concept of present value	
	Techniques of appraisal of investment proposal	
	Payback period method, Average rate of return method	
	Net present value method	
	Profitability index method	
IV	Business Restructuring	15
	Importance	
	Financial Implication	
	• Valuation	
	Types of Business Restructuring	
	• Merger	
	Amalgamation	
	• De-Merger	
	Other Restructurings	
	(Elementary accounting problems – testing fundamental knowledge	
	only)	
	Long Term & Short Term Sources Of Finance	
	• Traditional & Modern instruments of Finance Including	
	Securitizations.	

Reference Books:

- 1) Chandra Prasana, "Financial Management", Tata Mc Graw
- 2) Khan M & Jain, "Financial Management", Tata Mc Graw
- 3) James, C, "Financial Management & Policy", Prentice Hall of India
- 4) Pandey, I.M, "Financial Management", Tata Mc Graw Hill
- 5) Horne, J., Walchowicz, J., "Fundamentals of Financial Management", Prentice Hall of India
- 6) Bhalla V, "Investment Management", S. Chand
- 7) Diwan P, "Financial Management", Pentagon
- 8) Bhalla V.K, "Financial Management", Amol
- 9) Kapur S., "Financial Management", S. K. Publishers
- 10) Alexander Hamilton, "Financial Management Handbook", Global Books
- 11) Helfert, "Techniques of Financial Management", Jaico Publishing House.

5.4. Elements of Logistics and Supply Chain Management:

Units	Title	No. of Lectures
I	 Background Logistics and Logistical Management: Military origin/ basic concept / definitions/ scope/ importance in current competitive environment Evolution of Logistics & Supply Chain Management Topics to be covered at concept level: Operating Objectives of Logistics/ Logistical Performance Cycles/ Inbound Logistics/ Manufacturing support Logistics/ Outbound Logistics/Customer Order Cycle/ Lead-time/ Logistical interfaces/ Logistical mission/ Competitive Advantages/ 3 C's/ Logistical competency/ Outsourcing Logistical Activities/ 3rd and 4th party Logistics/ Integrated logistics/ Logistical Planning & Strategy. 	15
	Supply Chain Management Basic concept/ definitions/ scope/ Comparison between Logistics and SCM/ Global Supply Chain scenario and importance/ Conventional Supply chains/ Supply chain participants/ channel agencies/ Relationship Management, concept of extended enterprises/ Bull-whip effect.	
	 Organization structure Basic concept/definitions/scope/objectives and importance Barriers In Forming Effective Organization, improving effectiveness Stages in evolution of logistical organization, with emphasis on modern flat organization 	
	Customer Service Definition / Scope / Objectives/Importance Elements of Customer Service, Seven Rights Customer Service Audit, Customer Service Strategy	
	Definition/ Purpose of Forecasting/ Nature of Demands/ Forecasting Components/ Approaches to forecasting/ Qualitative & Quantitative Forecasting Techniques & their applicability, Time series analysis with numerical examples. (f) Order Processing: Integrated System / Customer Order Cycle / Electronic Data Interchange & its Advantages	
П	 Transportation: Definition/Principles/Role/Functions/Importance Different Modes of Transportation: Road, rail, water, air, pipelines, ropeways Advantages & Disadvantages of individual modes/Inter-Modal Transportation/ Factors to be considered for Mode & Carrier Selection / Modal characteristics & Classification Total Transportation Cost / Factors influencing Transport Cost / Transport Infrastructure 	15

Warehousing

- Definition/Principles/Role/Functions/Importance
- Warehouses/Distribution Centers / Warehousing / Need For Warehousing/Economic/Service benefits
- Types Of Warehouses Their Advantages & Disadvantages/ Warehousing Location/ Area Of Warehouse/ Number of warehouses/ Warehousing Operations/ Factors Affecting Warehousing Cost/ Warehouse Layout/ design principles.

Materials Handling System

- Definition/Principles/ Role/ Functions/ Importance
- Activities Covered / Functions Performed During Materials Handling / Material Handling Equipment with selection criteria / Material handling methods/ M. H. System Design – Objectives & Principles.

Packaging

- Definition/Principles/ Role/ Functions/ Importance
- Unitizing (Concept of unit-load) & palletizing/ kitting
- Logistical Functions of packaging/ Objectives & Benefits of Packaging/ Consumer & Logistical Packaging/ Factors Influencing Good Package Design

III. Inventory Management

- Inventory: Definition/Principles/ Role/ Functions/ Importance/ Purpose of Inventory Holding / Types of Inventories/ Inventory and profitability/ Impact of Inventory on total logistical cost.
- Inventory Management: Objectives/ Importance/ Symptoms of Poor Inventory Management/ Improving effectiveness of Inventory Management/ Inventory turnover/ Service Levels

Economic Order Quantity/ Economic Batch Quantity/ Assumptions & Its Limitations/ Re Order level/ Safety Stock with numerical examples.

Inventory Control: Inventory ranking methods and Quadrant Technique

Selective techniques of Inventory Control: Inventory control methods: (Pull/push models)Traditional methods: 'Q' MODEL & 'P' MODEL, two bin system, fair-share allocation model, MRP I / MRP II

Modern methods: kanban as a tool of JIT, Vendor managed inventory (JIT II, response based techniques-QR, CR, and AR). DRP, ERP

Inventory valuation

Information System

- Definition/Principles/Role/Functions/Importance
- Management Information System: Elements of LIS/ Advantages of Computerization of Information/Importance of Information system/ Internal & external Information System / Functionality (IS operations)/ Automated Order Processing System, RFID, EDI/ Satellite tracking system.

15

- Definition/Principles/Role/Functions/Importance/Objectives
- Activity based/process based/ Internal/External Performance Measurement
- Classification of performance measures
- Performance Auditing / Perfect Order/ Service Levels
- Characteristics of ideal performance evaluation system
- (ii) Logistics Costing: Principles of Logistics Costing/ Activity Based Costing / Mission Based Costing/ Total Cost Analysis/ Steps to Be Adopted For Total Cost Approach
- (iii) Logistical Network analysis: Concepts/ definitions/ scope/ objectives/ importance Network options/ number of facilities/ Milk-runs/ RORO/ LASH.

(iv) Modern Logistics Infrastructure

- Containerization/ mechanized material handling equipment/ Deep water ports/ ICDs & CFS network/ maritime logistics/ cold chain logistics
- Dedicated Freight Corridors/ Golden Quadrilateral and network of highways
- Specialized equipment/ double stack containers/ unit trains
- Logistics Parks
- Container Corporation of India
- Private Logistics Companies.

Reference Books

ΙV

- Donald J. Bowersox, David J Closs, M Bixby Cooper , "Supply Chain Logistics Management" Tata McGraw-Hill
- 2. **Donald J. Bowersox, David J Closs**, "Logistical management", Tata McGraw-Hill Fundamentals of Logistics Management McGraw-Hill
- 3. **Douglas M. Lambert, James R.Stock & Lisa M. Ellram Irwin,** "The management of Business Logistics Coyle", Bardi, Langley Thomson, South Western
- 4. Stephen Lemay, Joe B, "Logistics David J Bloomberg", Hanna Prentice Hall of India
- 5. M Martin Christopher, "Logistics & S C", Pearson Education
- 6. Chopra Meindl, Kalra, "Supply Chain Management'.
- 7. Herald Dyckhoff, Richard Lacks and Joachin Reese, "Supply Chain Management'.
- 8. Anurag Saxena, Caaushik Sircar, 'Logistics and Supply Chain Management Text and Cases" Jaico Publishing House, Mumbai, 3rd Edn 2009.

5.5 Business Ethics and Corporate Social Responsibility

Unit	Title	No. of Lectures
I	 Introduction to Business Ethics Normative ethics, Prescriptive ethics and Applied ethics Ethics, Morality and Legality Concept of Right and Duty: Business – Western and Indian Perspectives, Definition and Scope Relevance in social changes Ethical organism and corporate code of conduct Business Ethics – Conceptual Background Conceptual Approaches to Business Ethics Egoism vs. Altruism Entrepreneur and Manager – Role and Responsibilities Responsibilities towards stakeholders: an overview Profit – making; An Objective with an ethical dimension 	15
II	 Indian Perspective of Ethics Purusharthas: Dharma, Artha, Kama, Moksha Concept of Dharma Ethics: A Global Perspective: Ethics in Global Marketing & Advertising Ethical perspective in Employment including in the international labour Organization Std. Ethics and IT: E-commerce, Privacy Codes. Environmental Ethics: Indian and Western perspectives Ethics and Cross- culture influences Ethical issues and functional aspects of business 	15
III	 Corporate Governance Corporate Governance: Meaning scope & Reporting The Agency Theory: Principal – Agent Relationship Role of CEO, Board and Senior Executives Right of Investors and Shareholders Financial Regulations and their scope in CG Corporate governance from Cadbury committee to Narayan Murthy committee 	15

IV Concept of CSR

- Meaning and Scope of CSR
- Relevance and Significance of CSR in contemporary society
- Value approach to CSR

CSR: within the Organization

- Labour relation
- Work Atmosphere: healthy and productive
- Exploitation, atrocities and harassment
- Safely standards and environmental concerns
- Perquisites and incentives

CSR and Society:

- Role and responsibility of Local Community in Business.
- Interventions of Business to fulfill social responsibilities
- Role of NGOs and International Agencies in CSR Integrating CSR into Business:
- CSR Measures and Indicators : Measuring CSR to improve shareholders value and societal value
- CSR and Sustainable Development
- CSR and Triple Bottom Line in business: an international endeavour.

Reference Books

- 1) William Lillie, "An Introduction to Ethics", Universal Paperbacks
- 2) **S.K. Chakrabroty**, "Wisdom leadership: Dialogues and Reflections", Wheeler Publishing
- 3) Kenneth Blanchard & Norman Vincent Peale, "The Power of Ethical Management", William Morrow & Co, Inc,
- 4) R.M. Lala, "In search of Ethical Leadership", Vision Books Pvt. Ltd
- 5) Living within The Yoga Approach to Psychological Heath and Growth (Sri Eurobond Ashram, Pond cherry.)
- 6) Dr. R.R.Khan, "Management and HRD", Fine Publishing House
- 7) **Stuart Rainer** Key Management ideas: Thinking that changed the Management world Macmillan India Ltd.
- 8) Susan J. Bethanis, "Leadership Chronicles of a Corporate Sage: Five Keys to Becoming a more Effective leader", Ed corpus Colossus Learning Pvt. Ltd.
- 9) R.R. Prasad, S.R.P. Shukla, Ashok Kumar, "Indian Management Emerging Responses", Tata McGraw-Hill Publishing Company Limited
- 10) Buried Treasure Discovering and Implementing the Value of Corporate Social Responsibility Caleb Wall Greenleaf Publishing 2008.
- 11) **Jayashree Sadri, Sorab Sadri and Dhun Dastoor,** "The Theory and Pracitce of Managerial Ethics", 2nd Edn, 2006, Jaico Publishing House, Mumbai.
- 12) **Joseph Des Jardins**, "An Introduction to Business Ethics", Tata Mc Graw Hill, 2nd Edition,

2009.

15

5.6 (E-1) Special Studies in Marketing

Unit	Title	No. of Lecture
I	 Consumer Behaviour Definition of CB Why study Consumer Behaviour Research Perspectives on Consumer Behaviour Decision Making Model Factors affecting Consumer Behaviour (Psychological, Personal, Social, Cultural) Touch upon theories of Motivation (Maslow's Hierarchy of Needs, McIlelands Theory) Understanding perception & Stages in perception, Beliefs, Attitudes Concept of age & Family Life Cycle (FLC), Occupation, Economic Situation Understanding Personality & Self Concept Lifestyle Identification- Attitudes, Opinions, Interests (AIO statements) Types of Buying Behaviour and Consumer Involvement Stages in Adoption process/ Diffusion of Innovation 	15
II	 Communication Process With Reference To Advertising Definition of communication Models of Communication / Traditional Response Hierarchy Models-AIDA, Hierarchy of Effects, Innovation Adoption, information processing. Communication model for rural and urban communication Integrated Marketing Communication Definition and Features of IMC, Advantages/ Relevance of IMC Components of IMC Objectives for IMC With Special Reference to DAGMAR Objectives Importance / value of objectives, Promotion Objective, Communication Objectives, Sales Objectives DAGMAR Ad Agency – Structure, Functions & Evaluation : Definition of advertising , Features and Functions of Advertising Definition of Ad agency Structure of Ad Agency 	15
	 Functions of Ad Agency Advertising Budget Definition of Advertising Budget Definition of Advertising Appropriation Methods of Budgeting /Advertising Budgeting Methods 	

III	Types of Media & Media Planning:	15
	Media – Print and Broadcast – Types, advantages	
	Support Media	
	OOH Media, In –Store Media, Transit Advertising, Promotional,	
	Products Marketing, Yellow Pages advertising, Advertising in	
	Movie theaters, Product Placement in movies and on TV, In flight	
	advertising, Miscellaneous	
	Media Planning	
	Definition of Media Planning,	
	Terms to be studies under media planning	
	Reach, Frequency, GRP, Coverage, BDI, CDI, TRP, CPM, CPP/	
	CPR/ CPRP	
	Process of Media Planning	
	• What are the factors that Media Planners must consider?	
	Problems in Media Planning	
	Media Research	
	Media Scheduling – definition, methods	
	Measuring The Effectiveness of Advertising	
	Testing Process for advertising effectiveness The second of the se	
	Tests for measuring effectiveness of advertising	
	• Essentials for effective testing of advertisements.	
IV	Brand and Branding Strategy Development	15
	Definition of Brand and Brand Positioning	
	Positioning Strategies	
	Guidelines for effective positioning	
	Brand Image – Definition, Strategy for Brand Image Development	
	Other Brand Building activities	
	Public Relations	
	Definition, How to build corporate image through	
	PR Corporate Advertising, Importance of PR	
	Sales Promotion	
	Definition, Sales Promotion Tools – for Consumers	
	and Dealers, Importance of Sales Promotion	
	• The Internet	
	Importance of the Internet as a tool of IMC	
	Direct Marketing	
	Definition, Role of Direct Marketing in IMC,	
	Tools of Direct Marketing	
	Personal Selling	
	Definition, Role /Importance of Personal Selling,	
	Relationship Marketing.	
	• E- Commerce	

Reference Books

- 1. Belch and Belch, "Advertising and Promotion", Tata McGraw Hill
- 2. Aker and Myers, "Advertising Management", Prentice Hall of India
- 3. Thakur D, "Advertising, Marketing and Sales Management", Deep & Deep
- 4. Mohan M., "Advertising Management", Tata McGraw Hill
- 5. Rathor B, "Advertising Management", Himalaya
- 6. Chahan M, "Advertising", Anmol
- 7. Prasanna Chandra, "Projects", Tata McGraw Hill
- 8. Schiffman, L G Kanuk, "Consumer Behaviour", Galgotia
- 9. **Keller Kevin Lane,** "Best Practice Cases in Branding: Lessons from the World's Strongest Brands", Pearson Education New Delhi
- 10. David Accar "Strategic Brand Management"
- 11. Noel Katscrer "Strategic Brand Management"
- 12. Mike Keller, "Building Strong Brands"
- 13. Stephemen Kanuk, "Consumer Behaviour"
- 14. Noudon and Della Vieta, "Consumer Behaviour"

5.6 (E- 2) Special Studies in Finance

Unit	Topics	No. of Lectures
I	Economic Value Addition (EVA) Current Developments • Deferred Tax (Assets & Liabilities) – AS – 22 • Segment Reporting (AS - 17) • Initial Public Offer (I.P.O) • Employees Stock Option Plan (E.S.O.P) • Sweat Equity Financial Derivation & Future Derivations AS – 30 - Recognition & Measurement AS – 31 - Representation	15
II	Appraisal Of Term Loan Project Report – Structure of Project Report	15
III	 Accounting for effects of changes in foreign exchange rates (AS 11) In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange differences 	15
IV	Financial Services Hire Purchase Lease Capital Market Underwriting Merchant Banking Credit ratings Mutual Funds	15

Reference Books:

- 1. Raj A, "Corporate Financial Management", Tata Mc Graw Hill
- 2. Kulkarni P, "Business Finance" Himalaya Publications.
- 3. Chandra P. "Financial Management", Tata Mc Graw Hill
- 4. Khan & Jain, "Basic Financial Management', Tata Mc Graw Hill
- 5. I M Pandey, "Financial Management", Vikas Publication House Pvt Ltd.
- 6. **Helfert**, "Techniques of Financial Management" Jaico Publishing House, Mumbai.
- 7. William W. Sihler, Richard D. Crowford and Henry A. Davis, "Financial Management", Jaico Publishing House, Mumbai, Edn 2009.

5.6(E-3)) E-Commerce

Unit	Topics	No. of
T	Introduction to E Commonoco	Lectures
I	 Introduction to E-Commerce: Introduction to role of IT in business and different applications. Role of ICT in Communication and business applications. Different application of IT in global business scenario. Introduction to IT Act and its role to encourage E-business. Growing E-learning and E-Governance. 	15
	Growing 2 rearring and 2 Governance.	
	 Evolution and Types of E-Commerce: Evolution of E-commerce. Global and Indian scenario. History of e-commerce, Generic Model of E-Commerce. Definition, classification – B2B, B2C, C2C, G2C, B2G sites, Factors of growth and key performance indicators of E-Commerce. 	
П	 E-Commerce Models E-commerce Models – Store-front Model, Brick and Mortar Model, Build to Order Merchant Model, Service Provider Model, Subscription based Model, Broker Model, Advertiser Model, Virtual Mall Model and Infomediary Model. Sub-Systems of E-Commerce E-commerce Trade Cycle and Trading Process E-market and Internet Commerce EDI and working mechanism of EDI Identify factors that are important for an E-Commerce Difference between Conventional Commerce and Electronic Commerce. 	15
III	 Payment, Security and Privacy Issues in Online Business Issues relating to privacy and security in online trading Electronic payment systems- credit cards, debit cards, smart cards, e-credit accounts, e-money. Security concerns in e-commerce, authenticity, privacy, integrity, non-repudiation, encryption. Cryptography techniques and restrictions placed by them on exports. Securing networks using firewalls and other machines. Marketing Trends in E-Business Growth of Online Retailing and E-marketing concepts. 	15

	Online Advertising and revenue generation		
	• Use of on-line market research and use of CRM techniques		
	Growing use of Content Management Systems		
	• Integration of E-Commerce in business lines.		
	• Different Service Provider (Utility).		
Unit	Topics	No.	of
		Lectures	
IV	Building E-Presence:	15	
	Architecting and e-Business & Website Design		
	The building life-cycle		
	Design Criteria and attracting customers		
	Site Content and Traffic Management		
	Using Content Management System.		
	Emerging Trends of M-Commerce:		
	Emerging trends of M-Commerce		
	• Infrastructure of M-Commerce and Comparison between -		
	E-Commerce and M-Commerce		
	Security and Bandwidth issues in E-Commerce		
	Trading process in M-Commerce		
	• Trends in technology; developing markets for E-commerce.		

Reference Books

- 1) E-business & E-Commerce Management 3^{rd} Ed. Pearson Education ISBN 978-81-317-2518-4.
- 2) Kalokota, Robinson, "E-Business 2.0 Road map for Success", Pearson Education ISBN-978-81-7758-4.
- 3) Elias M. Awad, "Electronic Commerce, 3rd Edition". Pearson Education, ISBN 81-317-0705-9.
- 4) **Erfan Turban et.al.**, "Electronic Commerce A Managerial Perspective, Pearson Education", ISBN 81-780-8362-0.
- 5) R. Kalokota, Andrew V. Winston, "Electronic Commerce A Manger's Guide", Pearson Education, ISBN 81-780-8158-X.
- 6) Prof Munesh Chandra Trivedi, "E-Commerce", Jaico Publishing House, Mumbai, Edn 2010.