



Arihant Education Foundation's

ARIHANT INSTITUTE OF BUSINESS MANAGEMENT (AIBM)

(Affiliated to Savitribai Phule Pune University, Approved by DTE and AICTE, New Delhi)

Campus : Sr, No, 276/1, Bavdhan (Bk.), Behind Crystal Honda Showroom, Pune - 411021, Maharashtra, India

Ph. : +91-20-67902404 Fax : +91-20-67902424 Email : admin@arihantacs.edu.in Website : www.arihantmbainstitute.ac.in

Arihant Institute of Business Management

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years (10)

Sample Syllabus for courses that include experiential learning through project work/field work/internship



Director

Arihant Institute of Business Management
Bavdhan (Bk.) Pune - 21.

Suggested Text Books:

1. Marketing Management, Philip Kotler, Kevin Lane Keller, Abraham Koshy, Mithileshwar Jha, Pearson
2. Marketing Management, Rajan Saxena, TMGH
3. Marketing, Lamb Hair Sharma, Mc Daniel, Cengage Learning

Suggested Reference Books:

1. Principles of Marketing, Philip Kotler, Gary Armstrong, Prafulla Agnihotri, Ehasan Haque, Pearson
2. Marketing Management- Text and Cases, Tapan K Panda, Excel Books
3. Marketing Management, Ramaswamy & Namakumari, Macmillan.
4. Marketing Whitebook

Semester I		106 – Digital Business
3 Credits	LTP: 2:1:1	Compulsory Generic Core Course

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO106.1	REMEMBERING	DESCRIBE the conceptual framework of e commerce, mobile commerce and social commerce.
CO106.2	UNDERSTANDING	SUMMARIZE the impact of information, mobile, social, digital, IoT and related technologies on society, markets & commerce.
CO106.3	APPLYING	ILLUSTRATE value creation & competitive advantage in a digital Business environment.
CO106.4	ANALYSING	EXAMINE the changing role of intermediaries, changing nature of supply chain and payment systems in the online and offline world.
CO106.5	EVALUATING	ELABORATE upon the various types of digital business models and OUTLINE their benefits and limitations.
CO106.6	CREATING	DISCUSS the various applications of Digital Business in the present day world.

1. **Electronic Commerce:** The Digital Revolution and Society, The Digital and Social Worlds - The Digital Economy, The Digital Enterprise, Virtual Communities, Online Communities, Defining Electronic Commerce, Emerging E-Commerce Platforms. E-Business, Electronic Markets and Networks; The Content and Framework of E-Commerce, Classification of E-Commerce by the Nature of the Transactions and the Relationships Among Participants, E-Commerce Business Models, Integrating the Marketplace with the Marketspace, Web 2.0. Drivers, Benefits and Limitations of E-Commerce, Impact of E-Commerce on business, government, customers, citizens and society. **(7+2)**

2. **Mobile Commerce, Social Commerce and IoT:** Mobile Commerce, Attributes Applications and Benefits of M-Commerce, Mobile Marketing - Shopping and Advertising. **Social Commerce:** Social Commerce, Social Business (Enterprise), Social Business Networks and Social Enterprise, Social Media, Platforms for Social Networking; Social Media Marketing, Enterprise 2.0, Improved Business Models. Entrepreneur Networks, Enterprise Social Networks, The Benefits and Limitations of Social Commerce, Benefits to Customers, Retailers, Employees, players in the ecosystem. Social Collaboration (Collaboration 2.0) - Essentials of Social Collaboration, Consumer-to-Consumer Electronic Commerce (C2C), Person-to-Person models. **Internet of Things:** Concept of IoT, Smart Homes and Appliances, Smart Cities, Smart Cars, Wearable Computing and Smart Gadgets. **(7+2)**

3. **Digital Business Ecosystem:** Electronic Commerce Mechanisms, Online Purchasing Process, E-Marketplaces - Types, Components and Participants, Disintermediation and Reintermediation; Customer Shopping Mechanisms - Webstores, Malls, and Portals, Webstores, Electronic Malls, Web (Information) Portals. **Intermediaries:** Roles of Intermediaries in E-Marketplaces, Merchant Solutions: Electronic Catalogs, Search Engines, and Shopping Carts, Electronic Catalogs, E-Commerce Search Activities, Auctions - Traditional Auctions Versus E-Auctions, Dynamic Pricing. **Changing Supply Chains:** Structure of the Supply Chain, EC Order Fulfillment Process, Speeding Up Deliveries, Partnering Efforts and Outsourcing Logistics, Order Fulfillment in Make-to- Order (MTO) and Mass Customization. **Digital Payments:** Smart Cards, Stored-Value Cards, EC Micropayments, Payment Gateways, Mobile Payments, Digital and Virtual Currencies, Security, Ethical, Legal, Privacy, and Technology Issues. **(7+2)**

4. **Digital Business Applications - I: Electronic Retailing:** B2C Electronic Retailing, Characteristics, Advantages, Limitations, E-Tailing Business Models, Classification of Models by Distribution Channel, Referring Directories, Malls with Shared Services. Social Shopping – Concept, Benefits and Drivers, Social Shopping Aids – Recommendations, Reviews, Ratings, and Marketplaces, Real-Time Online Shopping. The Online Versus Off-Line Competition, Click-and-Brick models, Product and Service Customization and Personalization. **Fintech:** E-Banking, Mobile Banking, Pure Virtual Banks, Insurance, and Stock Trading, Other Mobile Finance Applications. **Digital Government:** Government-to-Citizens, Government-to-Business, Government-to-Government, Government-to-Employees Models, Internal Efficiency and Effectiveness, E-Government and Social Networking, M-Government. **E-Learning, E-Training, and E-Books:** Basics of E-Learning, Characteristics, Advantages, Limitations, Distance Learning and Online Universities, Online Corporate Training, Social Networks and E-Learning, E-Learning Management Systems, Electronic Books. **(7+2)**

5. **Digital Business Applications - II: Online Travel and Tourism Services:** Characteristics of Online Travel, Benefits, Limitations, and Competition in Online Travel Services. **E-Employment:** Online Job Market, Social Networks Based Job Markets, Social Recruiting, Virtual Job Fairs and Recruiting Events, Benefits and Limitations of the Electronic Job Market. **E-Health:** Definition, Electronic Medical Record Systems (EMR), Doctors' System, Patients Services, Medical Devices and Patients Surveillance. **Entertainment, Media & Gaming:** Service Industry Consumer Applications. Digital Products, Internet TV and Internet Radio, Social Television (TV) Mobile Entertainment, Mobile Marketing, Mobile Streaming Music and Video Providers, Entertainment in Cars; Gaming - Mobile Games, Social Games and Gamification, Business of Social Games, Educational Social Games; Mobile Gambling, Mobility and Sports; Social Entertainment. **(7+2)**

Note: The focus of the entire course should be on business issues and not merely on technology.

Suggested Text Books:

1. Introduction to E Commerce & Social Commerce, Turban E, Whiteside J, King D, Outland J Springer
2. E-Business and E-Commerce Management- Strategy, Implementation and Practice, Dave Chaffey, Pearson Education.
3. Electronic Commerce – A Managerial Perspective, Efraim Turban, David King, Dennis Viehland, Jae Lee, Pearson Education.

Semester II		201 – Marketing Management
3 Credits	LTP: 2:1:1	Compulsory Generic Core Course

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO201.1	REMEMBERING	DESCRIBE the key terms associated with the 4 Ps of marketing.
CO201.2	UNDERSTANDING	COMPARE and CONTRAST various approaches to pricing for a real world marketing offering (commodities, goods, services, e-products/ e-services.)
CO201.3	APPLYING	DEMONSTRATE an understanding of various channel options for a real world marketing offering (commodities, goods, services, e-products/ e-services.)
CO201.4	ANALYSING	EXAMINE the product line of a real world marketing offering (commodities, goods, services, e-products/ e-services.)
CO201.5	EVALUATING	EXPLAIN the role of various communication mix elements for a real world marketing offering (commodities, goods, services, e-products/ e-services.)
CO201.6	CREATING	DESIGN a marketing plan for a real world marketing offering (commodities, goods, services, e-products/ e-services.)

1. **Product:** Meaning, The Role of Product as a market offering, Goods & Services Continuum, Classification of consumer products- convenience, shopping, shopping, unsought goods. Classification of industrial products- materials and parts, capital items, supplies and services. The Product Hierarchy, Product Systems and Mixes, Product Line Analysis, Product Line Length, The Customer Value Hierarchy. New Product Development - Need, Booz Allen & Hamilton Classification Scheme for New Products, New Product Development Process - Idea Generation to commercialization. Branding: Concept, Definition, Commodity Vs. Brand, Product Vs Brand, Concept of Brand equity. **(7 + 2)**

2. **Pricing:** Meaning, The Role of Pricing, Importance and Factors influencing pricing decisions. Setting the Price: Setting pricing objectives, Determining demand, Estimating costs, Analyzing competitors' pricing, Selecting pricing

5. Henry J Johansson, H J Johansson, Mo, Business Process Reengineering, Wiley

Generic Courses (Electives) – Institute Level – Semester I & II

Semester I		113 - Verbal Communication Lab
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO113.1	REMEMBERING	RECOGNIZE the various elements of communication, channels of communication and barriers to effective communication.
CO113.2	UNDERSTANDING	EXPRESS themselves effectively in routine and special real world business interactions.
CO113.3	APPLYING	DEMONSTRATE appropriate use of body language.
CO113.4	ANALYSING	TAKE PART IN professional meetings, group discussions, telephonic calls, elementary interviews and public speaking activities.
CO113.5	EVALUATING	APPRAISE the pros and cons of sample recorded verbal communications in a business context.
CO113.6	CREATING	CREATE and DELIVER effective business presentations, using appropriate technology tools, for common business situations.

1. **Basics of Communication:** Communication elements and process, Need of Communication Skills for Managers, Channels, forms and dimensions of communication, Verbal and non-verbal communication, Principles of nonverbal communication - through clothes and body language, Persuasive communication: the process of persuasion, formal and informal persuasion, Barriers to communication and how to overcome the barriers, Principles of effective communication. (5)

2. **Speaking:** Characteristics of effective speech, voice quality, rate of speaking, clear articulation, eye contact, use of expressions, and gestures and posture; Types of managerial speeches: speech of introduction, speech of vote of thanks, occasional speech, theme speech, formal speeches during meetings. (5)

3. **Soft skills:** How communication skills and soft skills are inter-related, Body language-posture, eye-contact, handling hand movements, gait - Voice and tone, Meeting and Boardroom Protocol - Guidelines for planning a meeting, Before the meeting, On the day of the Meeting, Guidelines for Attending the meeting, For the Chairperson, For attendees, For Presenters, Telephone Etiquette, Cell phone etiquette, Telephone etiquette guidelines, Mastering the telephone courtesy, Active listening, Putting callers on hold, Transferring a call, Screening calls, Taking a message, Voice Mail, Closing the call, When Making calls, Closing the call, Handling rude or impatient clients, Cross-cultural communication, cultural sensitivity, Cross-cultural issues which affect Communication across different Cultures, Culture and non-verbal communication, Effective intercultural communication, Business and social etiquette. (7)

4. **Presentation skills:** Principles of Effective Presentations, Planning, Structure and Delivery, Principles governing the use of audiovisual media, Time management - Slide design and transition: representation of textual information into visuals for effectiveness of communication - Style and persuasiveness of the message - Adherence to the number of slides, Dynamics of group presentation and individual presentation. (5)

5. **Interviews:** Essentials of placement interviews, web /video conferencing, tele-meeting. Impression Formation, Tactics, The Self-presentational Motive, The Compass Qualities; First and Lasting Impressions; Magic Pills; Toxic Traits; The Social Context: Norms and Roles, The Target's Values, Physical Appearance; Communication Style; Content of Communication; Actions; The Environment; Success; Changing from the Outside-in, Current Social Image, The Private Self, Worrying about Impressions. (5)

Note:

- The entire course should be delivered with a skills development focus.
- Video recordings of student's performances (speaking tasks) should be carried out and used for intensive reviews for performance improvement.

Suggested Text Books:

- Business Communication Today, Bovee C L et. al., Pearson Education

2. Business Communication, P.D. Chaturvedi, Pearson Education
3. Business Communication, T N Chhabra, Bhanu Ranjan, Sun India
4. Verbal and Non-Verbal Reasoning, Prakash, P, Macmillan India Ltd., New Delhi
5. Objective English, Thorpe, E, and Thorpe, S, Pearson Education, New Delhi

Suggested Reference Books:

1. Communication Skills for Effective Management, Hargie et. al., Palgrave
2. Communication for Business, Tayler Shinley, Pearson Education
3. Technical Communication, Anderson, P.V, Thomson Wadsworth, New Delhi
4. The Oxford Guide to Writing and Speaking, John Seely, Oxford University Press, New Delhi
5. Dictionary of Common Errors, Turton, N.D and Heaton, J.B, Addison Wesley Longman Ltd.

Semester I		114 - Enterprise Analysis - Desk Research
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO114.1	REMEMBERING	DESCRIBE the key historical, organizational, market related, financial, governance, leadership and social responsibility dimensions of a real world business organization.
CO114.2	UNDERSTANDING	SUMMARIZE the regional, national and global footprint of a real world business organization.
CO114.3	APPLYING	DEMONSTRATE the use of secondary – offline and online resources to profile a real world business organization.
CO114.4	ANALYSING	ANALYSE, using tables and charts, the trends in market standing and financial performance of a real world business organization over the last 5 years.
CO114.5	EVALUATING	COMPOSE a succinct summary of future plans of a real world business organization the company website, shareholders reports and other information available in the public domain.
CO114.6	CREATING	IMAGINE the key challenges and opportunities for a real world business organization in the immediate future (1 to 3 years).

1. **Enterprise History & Background:** Establishment, Original & Current Promoters, Business Group or Business Family to which it belongs, Vision-Mission-Philosophy – Values-Quality Policy, Brief profiles of the Chairman, CEO, MD, Members of Board of Directors along with their career highlights CSR Initiatives, Technical and other collaborations if any, Recent Mergers and Acquisitions, if any. **(6)**
2. **Organization :** Organization Structure, Geographical (domestic and global) foot print – at the time of inception and spread over the years, company's current head quarter worldwide as well as head quarter / corporate office in India, Manufacturing /Service locations Indian and major worldwide, Certifications if any - ISO / EMS / FDA / CMMI , etc. Online presence. Initiatives towards gender diversity, Initiatives towards social inclusion, Initiatives towards environment conservation. Current Talent needs. Key highlights of the company's website. **(6)**
3. **Markets:** Major Customers, customer segments, Products, Product lines, Major Brands, Market Share – nationally, region wise, product wise, Advertising Agency, Advertising Punch Line/Slogan, Logo, Key Alliances in the past 5 years & impact. Mergers & Acquisitions, if any. Technological developments. Disruptive innovations affecting the organization. Labour unrest if any – reasons thereof and impact. Emerging potential competition through first generation entrepreneurs or global / local players. **(6)**
4. **Financials:** Data to be studied, tabulated, graphically depicted, analyzed and presented for last 5 years for the Revenues, Profitability, Market Capitalization, Segmented Revenues, Auditors. Listing status & Scrip Codes – BSE and NSE, Global Listings on International Stock Markets, Share Price Face Value, Current Market Value, Annual High Low Figures, P/E Ratio, Shareholding Pattern. **(6)**
5. **Governance:** Philosophy, Action taken by SEBI if any, Involvement in Scams, Insider Trading Issues, Standard & Poor's Corporate Governance Scores, CRISIL Rating. Major Awards and Achievements of the Organization in the last 5 years. Forward looking statements of the top management. **(6)**

Note:

1. Students should work in groups of 3 to 5 each under the guidance of a faculty.
2. Students shall carry out an indepth study of any THREE Organizations of their choice.
3. Organizations selected should demonstrate a variety across sectors, ownerships, size, and other key dimensions.
4. Students shall submit a structured detailed report.

Suggested Text Books:

1. No text books are prescribed.
2. The course has to be taught using the company annual reports and other publications, company website, social media feeds, business newspapers and business data bases such as ACE equity, CRISIL database, etc.

Semester I		115 - Selling & Negotiations Skills Lab
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO115.1	REMEMBERING	DESCRIBE the various selling situations and selling types.
CO115.2	UNDERSTANDING	OUTLINE the pre-sales work to be carried out by a professional salesperson.
CO115.3	APPLYING	IDENTIFY the key individuals involved in a real world sales process for a real world product/ service / e-product / e-service.
CO115.4	ANALYSING	FORMULATE a sales script for a real world sales call for a product/ service / e-product / e-service.
CO115.5	EVALUATING	DECONSTRUCT the pros and cons of sample real world sales calls for a product/ service / e-product / e-service.
CO115.6	CREATING	DEVELOP a sales proposal for a real world product/ service / e-product / e-service and for a real world selling situation.

1. **Basics of Selling:** Importance of Selling, Role in the context of organization – survival and growth. Types of Selling - Different in selling situations, New business versus service selling, Newton's classification of sales types, McMurry & Arnold's classification of selling types, Consumer indirect selling, Industrial selling, Missionary, Sales Team/group selling Merchandising, Telesales, Franchise selling, International selling. (5)
2. **Pre-Selling Work :** Attributes of a Good Salesperson - Personality & physical characteristics, Enthusiasm, Confidence, Intelligence, Self-worth, Knowledge- product, Competition, organization, market, customer, territory; People Buy From People, Communication skills, Persuasive skills, Personal Diary, Time management, Managing Sales Documents and collaterals management. Fear Factor in Sales. Maximising Productivity in a Sales Role, Meetings and Your Time, The Telephone - Social Media & Online Data Bases as a Sales Tools, Developing Your Script, Mailers, Pre-Call Planning, Generating Appointments. (7)
3. **Selling in Action:** Identifying Key Individuals – Prospecting, Influencers and Decision Makers, Talking to the Right Individuals, Making that Good First Impression, How to Win Friends and Influence People, Dale Carnegies Six Principles of Relationship, What's In It For Me?, Honesty and Integrity. (5)
4. **Objection handling:** Analyzing the Reasons for Objections, Seeing What We Can Do, Listen - Probe - Advise (L-P-A), Exercise: Objection Handling, Uncovering Objections, Seven Types of Objections, Turning Objections into Selling Opportunities. Selling Techniques: Cross Selling, Up Selling, Value Added (Suggestive) Selling, Advancing Opportunity, Exceeding Customer Expectations, Giving Recognition. (6)
5. **Sales Conversation, Negotiation & Closure:** Starting a Quality Prospecting Conversation, Listeners Control Conversations, Trial Closing, Creating an Opportunity: Situation vs Problem Questions, Difficulty Questions, Negative and Positive Answer Questions, Directive Questions, Rhetorical Questions. Problems with Positional Bargaining, Opening Up the Negotiation, Approaches to Better Negotiation, You Have Alternatives, Reverse Psychology in Negotiation. Sales Proposals: How to Construct a Sales Proposal, Important Factors to Consider, Putting It All Together. (7)

Note:

1. The course should be delivered from a skills building perspective.
2. Principles should be supplemented by live exercises on personal selling

Suggested Text Books:

1. Selling & Sales Management, Geoffrey Lancaster & David Jobber, Macmillan India Ltd.
2. Negotiation: Communication for diverse settings, Michael L Spangle and Myra Isenhardt, Sage South Asia Edition.
3. The Sales Bible: The Ultimate Sales Resource, Jeffrey Gitomer, Wiley India
4. How to win friends and influence People, Dale Carnegie
5. The Art of Closing the Sale, Brian Tracy, Pearson Education.

Suggested Reference Books:

1. Sales Management, Bill Donaldson, Palgrave Publications
2. You can negotiate anything, Herb Cohen
3. Managing Sales Leads, Crocker and Obermayer, American Marketing Association

Semester I		116 - MS Excel
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO116.1	REMEMBERING	SELECT appropriate menus and functions of MS Excel to Create, Format, Import, Merge, Save, Print Spreadsheets & Charts using business data.
CO116.2	UNDERSTANDING	SHOW how to do basic troubleshooting and fix mistakes most people make when working with spreadsheets.
CO116.3	APPLYING	USE various functions of MS Excel, Execute pivot table analysis, common (and powerful functions), and different types of lookups (vlookup, hlookup, and index/match).
CO116.4	ANALYSING	ILLUSTRATE the use of the most commonly used data-manipulation commands in MS Excel.
CO116.5	EVALUATING	DERIVE insights from multiple data sources in MS EXCEL and work with it to answer relevant business questions.
CO116.6	CREATING	CREATE standard Excel Templates for routine business data management and analysis activities.

1. Introduction to Spreadsheets - Understanding Microsoft Excel, Excel Workbook Windows, Basic Spreadsheet Skills, Excel Help System, Opening and Closing Workbooks, Understanding Workbook File Formats, Creating New Workbooks, Selecting Cells, Auto Sum and Auto Fill Function, Cell Referencing and Request, Formatting Cells, Formatting Numbers, Placing Cell Alignment, Cell, Rows and Columns, Understanding Worksheets, Editing, Copying and Moving Cells, Page Layouts in Excel, Proofing Workbooks, Basic Options, Ribbons and Toolbar. [4]
2. Defining Names in Excel, Sorting Data, Using Excel Tables, Filtering Data in Excel, Understand Charts, Chart Design Options and Tools, Chart Format Tools, Combo Charts, Functions within Excel, Understanding Date Function, Information Functions, Logical Functions, Find and Replace, Headers and Footers, Adding Comments, Conditional Formatting. [5]
3. Using Text to Columns, The Paste Special Function, Data Validation, Subtotals and Grouping, Consolidating Data, Scenario Analysis, Data Tables in Scenario Analysis, What-if Analysis, Mats and Trig Functions, Text Functions in Excel, Using Lookup Functions, Vlookups, HLookups, Match, Using Statistical Functions, Database Functions, Financial Functions, Formula Auditing and Error Tracing, Hyperlinks in Excel, Linking Data, Understanding Pivot Tables, Using Pivot Charts, Workbook Properties, Protecting and Sharing Worksheets, Data Encrypting and Finalising Workbooks, Understanding Macros, Custom Number Formats in Excel, Using Custom Lists, Working with Templates, Tracking Changes in Excel, Merging and Compare Excel Workbooks. [7]
4. Using Pivot tables – Slicers -Report Filters for basic analytics, Contact Management and Marketing With Excel, Managing Customers, Vendors And Employees, Gaining Product And Service Insights, Sales reports using Excel, Supervising Sales With Excel, Preparing Invoices, Assessing Account Aging, Analyzing Demographics, Creating Scheduling And Marketing Calendars, Creating Standard Excel Templates for routine business data management and analysis activities. [7]
5. Managing Money With Excel, Building & Tracking Budgets, Planning And Tracking Loans, Keeping Account Registers, Creating Formulas for Financial Applications, PV, PMT, NPER, RATE, Creating Balance Sheet, Investment Calculations, Depreciation calculations, Lab based Evaluation, Gauging Business Status with Excel, Configuring Cash Flow

Statements, Resolving Business Ratios, Creating Standard Excel Templates for routine business data management and analysis activities. [7]

Note:

1. The entire course should be delivered in the computer lab in an application oriented manner.
2. Business Applications should be stressed rather than merely teaching Excel as a software.

Suggested Text Books:

1. Excel 2016 Bible, John Walkenbach, John Wiley & Sons
2. Excel: Formulas & Functions, Robert Dinwiddie
3. Excel 2007 for Dummies by Greg Harvey
4. New Perspectives on Microsoft Office Excel 2007
5. Microsoft Excel 2016 Step by Step, Curtis Frye

Semester I		117 - Business Systems and Procedures
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO117.1	REMEMBERING	TABULATE the key elements of a typical business system and related work flow procedures.
CO117.2	UNDERSTANDING	EXPLAIN a business system and related procedures.
CO117.3	APPLYING	PREDICT the fail points / bottle necks in a typical business process.
CO117.4	ANALYSING	BREAK DOWN a business system into simpler components and explain the inter-relationships.
CO117.5	EVALUATING	DEVELOP a process based thinking approach.
CO117.6	CREATING	CREATE standard operating procedures and flow charts / other visual representations for typical business systems and processes.

1. **Business Systems and Procedures:** Concept and need - Characteristics of a good procedure. Writing a Standard Operating Procedure (SOP)– Procedure Identification - Information Gathering–Interviewing – Analysis – Writing – Implementation – Review- Identifying Fail Points - Fine-tuning. Process Mapping Tools – Aid Memoir – Flowchart – Swim Lane Diagrams – Flow Charting Software – Using MS Word and Excel for Flowcharting - Case Studies. Re-engineering information flow and paper flow – Process Mapping for Current and Future State Map.
2. **Systems Study:** Process Mapping, Improvement and Writing SOP's for an entire range of activities for a typical business process in a manufacturing/ service organization. Students should visit appropriate organizations to study the real life processes.
3. Detailed study of atleast **FIVE** Systems and underlying Procedures, such as: (list is illustrative only)
 - a) Attendance Recording System in a manufacturing / service organization.
 - b) Employee scheduling in a retail mall.
 - c) Facilities management and scheduling system in automobile workshop.
 - d) Inventory Management
 - e) Just in Time Inventory System in a manufacturing / service organization.
 - f) Kitchen Order Ticket (KOT) System in a Restaurant.
 - g) KYC verification system in a mutual fund house.
 - h) Loan approval system in a cooperative bank.
 - i) Maintenance system in a facility.
 - j) On-boarding of new employees in a manufacturing / service organization.
 - k) Payroll Management
 - l) Performance Appraisal system in a manufacturing / service organization.
 - m) Point of sale (POS) system in an organized retail store.
 - n) Purchase Order System in a manufacturing / service organization.
 - o) Quality Audit system
 - p) Receivables Management
 - q) Stock Taking system in a library.
 - r) Warehouse management system.

4. Presentation of individual/group projects

Suggested Text Book:

1. Business Process Management – A Rigorous Approach, Martyn A Ould, British Computer Society, First South Asia Edition.

Semester I		118 - Managing Innovation
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO118.1	REMEMBERING	DESCRIBE the key ideas relevant to innovation, intellectual property, business models
CO118.2	UNDERSTANDING	INTERPRET the various theories of innovation and EXPLAIN with examples the types of innovation.
CO118.3	APPLYING	EXPERIMENT WITH innovation as a systematic process and generate innovative ideas for new products and services.
CO118.4	ANALYSING	DISSECT contemporary start-up businesses for their business models, extent of innovation, success and failure.
CO118.5	EVALUATING	CREATE an inventory of product and process innovations for daily use consumer products and routine business processes in a typical organization.
CO118.6	CREATING	CREATE a potential list of innovation needs for India in the local, regional and national context and ASSESS the likelihood of constructing a business model around these needs in the current local, regional and national context.

6. Basics of Innovation: Concept of Innovation. Invention and Creativity - Role and relationship with innovation, Product innovation and process innovation, Radical and incremental innovation, Technological innovation, commercial or organizational Innovation, Characteristics of innovation in different sectors, Innovation in Indian context, Innovation and Creativity, Jugad and innovation, Innovation in Current Environment- local, regional and national context. **(4)**

7. Economics and Management of Innovation: Schumpeter and creative destruction, The evolutionary theory of Nelson and Winter, The model of the dynamic capabilities of David Teece, Porter and competitive advantages, The value chain, Drucker and the systematic innovation, Innovations diffusion, Speed, Adoption. Innovation and Knowledge, Tacit and explicit knowledge, Knowledge as a public good. **(5)**

8. Models of Innovation – Static Models: Incremental versus Radical Innovation, Abernathy –Clark Model, Henderson – Clark Model, Disruptive Technological Change Model, Innovation Value – Added Chain, Strategic Leadership View, Familiarity Matrix, Imitability & Complementary Assets – Teece Model. Dynamic Models: Utterback – Abernathy Model, Tushman – Rosenkopf technology Life Cycle Model, Foster's S Curve. **(7)**

9. Instruments for Innovation: Challenges of Innovation, Innovation as a systematic practice, Steps of Innovation Management, Learning Cycle, The roles of the innovator, Functional Sources of Innovation – Internal Value Chain, Spillovers from Competitors, Suppliers, Customers and Complimentary Innovators, The generation of ideas: brainstorming, Creativity, Divergent V/s Convergent Thinking, Design Thinking, Blue Ocean Strategy. Experimentation in Innovation Management, Technology Innovation Process, Idea Championship, Participation for Innovation, Co-creation for Innovation, Screening the innovative ideas, Proto typing to Incubation. **(7)**

10. Management and Marketing of Innovation: Innovation Management Planning, Technology Forecasting, Innovation Sustainable Conditions, Management of Innovation, Concept of IPR. Creation of IPR, Types of IPR, Patents and Copyrights, Patents in India. **Business Models:** What is a Business Model? The evolution of the business model, The Business Model Canvas, Business Models and value proposition, Business Model Failure: Reasons and Remedies, Incubators: Business Vs Technology, Future markets and Innovation needs for India. **(7)**

Suggested Text Books:

1. Innovation Management, Allan Afuah, Oxford Indian Edition.
2. Innovation Management, Shlomo Maital and D V R Seshadri, Response Books, Sage Publications, New Delhi.
3. Innovation: the attacker's advantage, Foster, Richard N., London, Macmillan.
4. Adair on Creativity and Innovation, Edited by Neil Thomas, Viva Books

5. Innovating at the Edge – How organizations Evolve and Embed Innovation Capability, Tim Jones, Butterworth-Hiemann, South Asian Edition.
6. Managing Creativity & innovation, Harvard Business Essentials, Harvard Business School Press

Suggested Reference Books:

1. The Innovator's ToolKit, Harvard Business Press.
2. Fastrack to Success Innovation, Andy Bruce and David Birchall, Prentice Hall - Financial Times.
3. Getting to Innovation, Arthur B VanGundy, PHI – Eastern Economy Edition
4. Blue Ocean Strategy, Kim & Mauborgne

Semester I		119 - Foreign Language I
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO119.1	REMEMBERING	RECALL and SPELL simple words in the foreign language
CO119.2	UNDERSTANDING	TRANSLATE simple sentences from English to the foreign language and vice-versa.
CO119.3	APPLYING	CONSTRUCT a dialogue, in the foreign language, for basic human interactions in a social context.
CO119.4	ANALYSING	TAKE PART IN an interaction in a non-business setting using the foreign language.
CO119.5	EVALUATING	INTERPRET a short write up written in the foreign language.

1. **Salutations:** (a) To greet the people and say Good afternoon, Good Evening, Goodbye, ask name and say your name, seek clarification and help, numbers from 1 to 10 (b) To say where you live. Describe your house and members of your family. Weights and Measures, length & breadth, use of decimal system, area and volume. Cardinal numbers & Ordinal Numbers. (c) Ask and give personal information, Nationality, profession and language, Numbers from 11 to 50. To ask time by clock and by span, days of the week, months of the year. (6)
2. **Conversation Skills:** (a) To ask and express interests, Preferences; likes and dislikes; to invite, to accept the invitation or to politely decline the invitation; hobbies and how to spend your leisure. (b) To talk about the weather; to talk about the daily personal routine and related activities. Seasons & holidays in France/Germany/Japan. (c) To talk about clothing - size, colour, material. Purchase at a super market, modes of payment. To name and explain human body to express common bodily ailments (fever, headache etc.) (6)
3. **Geographical Description:** (a) Country, location on the world map, borders and neighboring countries, ports and industrial towns. (b) Information and clarification of places. Asking for directions to the public places. Modes of Transport. Numbers 51 to 100 and 1000, 10,00,000 etc. (6)
4. **Social:** (a) Visit to a restaurant, to express agreement/disagreement; to ask for price/quantity. (b) To talk about/express future actions, to plan a business trip with related requirements: hotel, tickets, car, Rent a car, places to visit, traffic signs etc. Documents required like Passport, International Driving license, Insurance cover etc. (6)
5. **Business:** (a) To ask about personal past events, to narrate personal experience, to comprehend difference between letters like Personal/Business Letters, telegram & e-mail; formats of Letter head and e-mail. (b) Vocabulary relating to the Transactions at the Post office, Bank, Insurance Company – personal, health, accident, marine, equivalent terms of transaction – FOB, C.I.F, F.A.S, payment through Letter of credit. (6)

Note: Institute may offer any one of the following foreign languages to the students: SPANISH/ FRENCH/ GERMAN/ JAPANESE / CHINESE

Suggested Text Books:

Relevant Standard Text Books, Videos, Audio CDs.

Semester II		213 - Written Analysis and Communication Lab
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO213.1	REMEMBERING	DESCRIBE stages in a typical communication cycle and the barriers to effective communication.
CO213.2	UNDERSTANDING	SUMMARIZE long essays and reports into précis and executive summaries.
CO213.3	APPLYING	USE Dictionary and Thesaurus to draft and edit a variety of business written communication.
CO213.4	ANALYSING	EXAMINE sample internal communications in a business environment for potential refinements.
CO213.5	EVALUATING	COMPOSE variety of letters, notices, memos and circulars.

- Written Communication:** Different types of communication like letters, memos, reports, fax, email, presentations and multimedia, choosing the means of communication, stages in communication cycle, Barriers to effective communication, communication systems. **(5)**
- Writing Techniques:** Rules of good writing, adaptation and selection of words, masculine words, writing with style- choosing words with right strength and vigor, using a thesaurus, writing effective sentences, developing logical paragraphs, Précis writing, Developing coherent paragraphs, overall tone, drafting, editing and finalizing the business letters. Planning the persuasive message, common types of persuasive requests, principles of persuasive communication. Reformulating and summarizing - What is a summary? Using synonyms & antonyms, reducing phrases, guidelines for writing summaries, business summaries Comprehension: using a dictionary, grammatical precision, (phonetics), contextual clues, guidelines for comprehension. **(7)**
- Recruitment and employment correspondence:** Application letter, curriculum vitae, interview, references, offer of employment, job description, letter of acceptance, letter of resignation, writing routine and persuasive letters. **(6)**
- Internal Communications:** Memoranda, meetings - agenda and minutes, Writing memos, circulars, notices and emails. Positive and negative messages such as Letter of Appreciation, Letter of Congratulations, Warning Letter, Show Cause Notice. Writing Follow up letters and reminders, Writing Sales letters, collection letters, Poster Making, Report writing - What is a report, Objectives of report, types of report, Report Planning, Types of Reports, Process, Structure and Layout, planning, Nature of Headings, Ordering of Points, Logical Sequencing, Graphs, Charts, Writing an Executive Summary, List of Illustration, Technique of writing a report, characteristics of business reports. **(6)**
- External Communications:** Public notices, invitations to tender bid, auction, notices, etc. Writing business proposals, Preparing Press Release and Press Notes. **(6)**

Note:

- The entire course should be delivered in a workshop and application oriented manner. It is expected that not more than 10 to 15% of the time should be devoted to the theoretical aspect.
- Workbooks should be prepared that comprehensively cover major situations of managerial communication and should be handed over to the students right at the beginning of the course.
- Students should be asked to submit the completed workbooks at the end of the term.

Suggested Text Books:

- Business Communication Today, Bovee C L et. al., Pearson Education
- Business Communication, P.D. Chaturvedi, Pearson Education
- Business Communication, T N Chhabra, Bhanu Ranjan, Sun India
- Verbal and Non-Verbal Reasoning, Prakash, P, Macmillan India Ltd., New Delhi
- Objective English, Thorpe, E, and Thorpe, S, Pearson Education, New Delhi

Suggested Reference Books:

- Communication Skills for Effective Management, Hargie et. al., Palgrave
- Communication for Business, Tayler Shinley, Pearson Education
- Technical Communication, Anderson, P. V, Thomson Wadsworth, New Delhi
- The Oxford Guide to Writing and Speaking, John Seely, Oxford University Press, New Delhi

5. Dictionary of Common Errors, Turton, N.D and Heaton, J.B, Addison Wesley Longman Ltd.

Semester II		214 - Industry Analysis - Desk Research
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO214.1	REMEMBERING	DESCRIBE the key characteristics of the players in an industry.
CO214.2	UNDERSTANDING	SUMMARIZE the management ethos and philosophy of the players in the industry.
CO214.3	APPLYING	DEMONSTRATE an understanding of the regulatory forces acting on the industry.
CO214.4	ANALYSING	COMPARE and CONTRAST, using tables and charts, the market and financial performance of the players in an industry.
CO214.5	EVALUATING	ASSESS the impact of recent developments on the industry and its key players.
CO214.6	CREATING	PREDICT the future trajectory of the evolution of the industry in the immediate future (1 to 3 years).

1. **Industry Analysis – the Basics:** Nature of the Industry, Players in the industry, Nature of competition, Market shares of top 5 & bottom 5 players, Possible Classification of players into Leaders, Challengers, Followers, Nichers, Positioning & Differentiation strategies of key players. Branding strategies, Pricing Policies, Cartelization if any and comments thereon, Capacity analysis – total capacity of the industry and break up capacity amongst key players, Current Capacity Utilization rates, Planned future capacity additions, Geographical spread of plants/facilities/ capacities (Domestics as well as Global), Demand Supply balance in the industry – at global, national and regional level, Key factors affecting demand, Key supply side constraints, Professional Trade bodies of the Industry, Business Functions carried out Online by the key players. Online presence of the players, Incremental Innovations in the industry, Disruptive Innovations in the industry. (5)

2. **Promoters & Management Ethos:** Background of promoter groups of top 5 and bottom 5 players in the industry, Management ethos and philosophy, Brief profiles of CMDs, CEOs, and key top management personnel with their career highlights, Detailed profile of one distinguished top management personnel each from any two players in the Industry, CSR policy, Corporate Governance Initiatives, Initiatives towards social inclusion, Initiatives towards environment conservation. (5)

3. **External Environment:** Controlling ministry and / or regulator if any for the Industry, Regulatory Policies at the state, national and global level and their impact on the industry as a whole with analysis of impact on top 5 players and bottom 5 players, Key National and Global issues affecting the industry, Key initiatives by the Government to promote the industry, Environmental issues, CSR initiatives, Regulatory actions against the players for e.g. Action by SEBI, Competition Commission of India, MTRP Commission, FDA, etc. against irregularities, legal violations if any. (5)

4. **Financials:** Profitability, Revenues, Margins of top 5 & bottom 5 players over the last 5 years and trends/changes therein, Sick players if any and their turnaround strategies, if any, Key factors contributing to costs, Ratio analysis of financial data for last 5 years for top 5 and bottom 5 companies in the industry. (5)

5. **Recent Developments:** Impact of key relevant provisions of the latest Fiscal policy on the industry and various players therein, Analysis of Key relevant provisions of latest Exim Policy in case of industries that are focused on Global Markets for exports or industries that have significant import components, Key Alliances in the past 5 years and their performance & impact on other players in the industry, Mergers & Acquisitions, if any. Technological developments, Labour unrest if any – reasons thereof and impact on the particular player and the industry as a whole, emerging first generation entrepreneurs, if any, in the industry, Corporate wars & feuds in the industry, if any. (5)

Note:

- Students should work in groups of 3 to 5 each under the guidance of a faculty.
- Students shall carry out an indepth study of any TWO industries of their choice.
- Industries selected should be distinct from each other.
- Students shall submit a structured detailed report.

Suggested Text Books:

1. No text books are prescribed.
2. The course has to be taught using the company annual reports and other publications, company website, social media feeds, business newspapers and business data bases such as ACE equity, CRISIL database, etc.

Semester II		215 – Entrepreneurship Lab
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO215.1	REMEMBERING	IDENTIFY a basket of potential business opportunities in the local, regional or national context.
CO215.2	UNDERSTANDING	COMPARE and CONTRAST the shortlisted business opportunities to SELECT the most suitable / promising opportunity.
CO215.3	APPLYING	DEVELOP a business model around the shortlisted business opportunity.
CO215.4	ANALYSING	FORMULATE the organization structure for the proposed start up
CO215.5	EVALUATING	EVALUATE the market potential and ESTIMATE the financing requirements for the initial 1 to 3 years after launch.
CO215.6	CREATING	CREATE a proposal for funding the start up.

This course provides a hands-on experience to the students to convert and apply theoretical and conceptual knowledge about entrepreneurship into practical entrepreneurship. During the course, students shall identify and evaluate a new business opportunity (which may be supplied by an entrepreneur or innovator in the nearby region.)

Students shall work in a group, of not more than 5 students, on a real-life business case.

Scope of the work expected:

1. Business Model Designing
2. Business Plan Designing
3. Financial Planning
4. Prototype Making
5. Test Marketing
6. Planning Commercial Launch.

Suggested Text Books:

1. New Venture Management: The Entrepreneur's Roadmap (Entrepreneurship Series), Donald F. Kuratko and Jeffrey S. Hornsby, Pearson
2. The Manual for Indian Start-ups: Tools to Start and Scale-up Your New Venture, Vijaya Kumar Ivaturi, Meena Ganesh, Penguin Random House India.
3. Managing New Ventures, Anjan Raichoudhuri, Prentice-Hall of India Pvt.Ltd
4. Develop Your Idea!: Get Off to a Flying Start With Your Startup. Guided Exercises, Templates & Resources for Exploring New Business Ventures, K. N. Kukoyi
5. Managing Small Business by Longenecker, Moore, Petty and Palich, Cengage Learning, India Edition.
6. Entrepreneurship: New Venture Creation by David H. Holt
7. The Dynamics of Entrepreneurial Development & Management by Desai, Vasant, Himalaya Publishing House, Delhi
8. Entrepreneurship and Small Business Management by Siropolis
9. Lead like an Entrepreneur by Neal Thornberry

Suggested Reference Books:

1. Fundamentals of Entrepreneurship, Nandan H, PHI
2. Cases in Entrepreneurship by Morse and Mitchell, Sage South Asia Edition.
3. Entrepreneurship – Indian Cases on Change Agents by K Ramchandran, TMGH.
4. Entrepreneurship – The engine of growth, edited by Mark Rice and Timothy Habbershon, Published by Praeger Perspectives.
5. Entrepreneurship: Theory, Process and Practice by Kuratko, D.F. & Hodgetts, R.M. Thomson Press.

6. Entrepreneurship Development: Small Business Enterprises by Charantimath, P. , Pearson.
7. A Guide to Entrepreneurship by David, Otes , Jaico Books Publishing House, Delhi.
8. Indian Entrepreneurial Culture by A Gupta , New Age International.
9. Make The Move: Demystifying Entrepreneurship by Ishan Gupta, Rajat Khare

Semester II		216 - SPSS
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO216.1	REMEMBERING	IDENTIFY the key menus of SPSS and DESCRIBE their functionality.
CO216.2	UNDERSTANDING	EXPLAIN the main features of SPSS
CO216.3	APPLYING	MAKE USE OF various tools to manage data, describe data and display graphical output using SPSS.
CO216.4	ANALYSING	ANALYSE data using various statistical tests of SPSS
CO216.5	EVALUATING	INTERPRET and EXPLAIN the outputs from SPSS
CO216.6	CREATE	DESIGN, DEVELOP and TEST advanced multivariate models using SPSS.

1. **Overview:** SPSS Environment, Introduction to various menus, Data file, Output file, Frequently –used dialog boxes, Editing output, Printing results. Creating and editing a data file – Variable and data view, Value Labels.
2. **Managing Data:** Listing cases, replacing missing values, computing new variables, recording variables, exploring data, selecting cases, sorting cases, merging files, splitting files, Visual Binning. **Frequencies:** Frequencies, bar charts, histograms, percentiles. **Descriptive Statistics:** Measures of central tendency, variability, deviation from normality, size and stability. Cross Tabulation and chi-square analyses, The means Procedure. **Graphs:** Creating and editing graphs and charts
3. **Bivariate Correlation:** Bivariate Correlation, Partial Correlations and the correlation matrix. **The T-test Procedure:** Independent –samples, paired samples, and one sample tests. **Non Parametric Tests:** ChiSquareTest, 1 sample test, 2 independent samples test, k independent samples, 2 related samples test, k related samples.
4. **One Way ANOVA Procedure:** One way analysis of variance, General Linear model: Two –way analysis of variance, General Linear model: three –way analysis of variance and the influence of covariates
5. **Advanced Tools:** Simple Linear Regression , Multiple regression analysis. Multidimensional scaling, Reliability Analysis, Factor analysis, Cluster analysis.

Suggested Text Books:

1. Discovering Statistics Using SPSS, by Andy Field A, SAGE
2. How to Use SPSS: A Step-By-Step Guide to Analysis and Interpretation by Brian C. Cronk

Semester II		217 - Foreign Language II
2 Credits	LTP: 0:3:1	Generic Elective – Institute Level

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO217.1	REMEMBERING	LISTEN to simple audio-visual recordings in the foreign language.
CO217.2	UNDERSTANDING	TRANSLATE simple letters from English to the foreign language and vice-versa.
CO217.3	APPLYING	CONSTRUCT a business email, in the foreign language.
CO217.4	ANALYSING	TAKE PART IN an interaction in a business setting using the foreign language.
CO217.5	EVALUATING	COMPOSE a covering letter and resume in the foreign language.

1. **Listening:** Understand Simple Questions and Instructions. **Reading:** Understand Single Words and Sentences but also Signposts, Signs and Posters. **Speaking:** Provide Short Information about the Job and the Person. **Writing:** Fill in Forms and Provide Information About Name, Address, Nationality etc. (6)

2. Listening: Understand Information about the Person and the Work. **Reading:** Understand Simple Letters, Appointments, Invitations and Information in Short Texts. **Speaking:** Answer Simple Questions About One's Working Field. **Writing:** Write Faxes and e-mails. **(6)**

3. Listening: Understand Standard Information Related to the Working Field. **Reading:** Understand Standard Letters and Texts about Working Processes and Product Descriptions. **Speaking:** Provide Information about the Job, the Departments, the Company, the Products and Processes in a Conversation or on the Phone. **Writing:** Answer Standard Inquiries, Make Quotations, Write Short Texts with a Familiar Content, Possibly Give Some Explanation and Answer Simple Questions. **(6)**

4. Listening: Understand Complex Information Related to the Working Field in Meetings, Discussions and at Presentations. **Reading:** Understand Reports and Contracts with a Company-related Content. **Speaking:** Describe and Explain Work Processes and Projects. Report on Meetings and Presentations. Explain Concepts and Clarify Misunderstandings. **Writing:** Write Formal Standard Letters and Texts about One's Field of Expertise. Explain a Graphic and Reflect the Content. **(6)**

5. Grammar: Future tense, imperfect tense, degrees of comparison, imperative mood. Script, Letters of alphabet, accents, sounds of groups of letters, punctuation marks, articles, nouns, sing./Pl, genders; mas. /fem. Structure of sentences & types like affirmative, negative interrogative & negative interrogative, Verbs: classes of verbs and conjugation patterns, Pronominal verbs; Present tense, The idea of auxiliary verb; prepositions; pronouns- subject, interrogative, relative, possessive, emphatic; adjectives, adverbs. **(6)**

Note: Institute may offer any one of the following foreign languages to the students: SPANISH / FRENCH / GERMAN / JAPANESE / CHINESE

Suggested Text Books:

Relevant Standard Text Books, Videos, Audio CDs

Body Language- Space, Moments, Eye Contacts & Postures, Follow up Calls, Writing Effective Sales Letters and e- mails, Positive Mental Attitude, Goal Setting, Effective Dressing, Managing Yourself, Managing Time and Territory Self-Management Effectiveness and Efficiency Sales Activities, Setting Priorities Account And Territory Management, Working Smarter, Cold Call Mechanism, Tools and Technical aids for Selling. (3)

5. Personal Selling Applications and Situations: Selling of services- financial, IT and telecommunication, advertising, education; Selling of industrial products- raw material, capital goods, supplies; Selling of consumer goods- convenience, shopping and specialty goods; International selling; Selling in rural markets; Selling high and low involvement products; Selling to new and existing customers Market; Selling to end users, intermediaries, government departments and agencies; Selling individual and groups. (4)

Suggested Text Books:

1. Fundamentals of Selling by Charles M. Futrell, Tata McGraw Hill 10th Edition
2. A B C's of Selling by Charles M. Futrell, AITBS, New Delhi,
3. World Class Selling by Roy Chitwood, JAICO Publishing House
4. Successful Selling Solutions by Julian Clay, Viva Books
5. Value Added Selling by Tom Reilly, TMGH

Suggested Reference Books:

1. Achieving Sales Excellence by Howard Stevens, Viva Books Pvt. Ltd.
2. Power Sales Presentation by Stephan Schiffman, Adams Media Corporations.
3. Sales Essentials by Stephan Schiffman, Avon Massachusset
4. Smarter Selling by Keith Dugdale & Lambert, Prentice Hall.
5. Successful Sales- Get Brilliant Results Fast by Pauline Rowson, Viva Books.
6. Successful Selling Skills by Richard Denny, The Sunday Times.
7. The Art and Science of Negotiation by Raiffa H, Cambridge: Belknap/Harvard Press
8. Getting to Yes by Fisher R and Ury W, Harmondsworth Middlesex, GB Penguin Books

Semester II		220MKT: Digital Marketing - I
2 Credits	LTP: 0:3:1	Subject Elective (SE) Course – Marketing Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO220MKT.1	REMEMBERING	DEFINE various concepts related to Digital Marketing.
CO220MKT.2	UNDERSTANDING	EXPLAIN the role of Facebook, Google Ad words, Youtube and Email in digital marketing.
CO220MKT.3	APPLYING	MAKE USE OF Facebook, Google Ad words, Youtube and Email for carrying out digital marketing of real life products.
CO220MKT.4	ANALYSING	ILLUSTRATE the use of Facebook, Google Ad words, Youtube and Email in various contexts of Digital Marketing.
CO220MKT.5	EVALUATING	DESIGN digital media campaign using appropriate mix of Facebook, Google Ad words, Youtube and Email.
CO220MKT.6	CREATING	CREATE appropriate content for Facebook, Google Ad words, Youtube and Email campaigns.

1. Digital Marketing Planning and Structure: Inbound vs Outbound Marketing, Content Marketing, Understanding Traffic, Understanding Leads, Strategic Flow for Marketing Activities. WWW, Domains, Buying a Domain, Website Language & Technology, Core Objective of Website and Flow, One Page Website, Strategic Design of Home Page, Strategic Design of Products & Services Page, Strategic Design of Pricing Page, Portfolio, Gallery and Contact Us Page, Call to Action (Real Engagement Happens), Designing Other Pages, SEO Overview, Google Analytics Tracking Code, Website Auditing, Designing Wordpress Website. (5+1)

2. Facebook Marketing Fundamentals: Profiles and Pages, Business Categories, Getting Assets Ready, Creating Facebook Pages, Page Info and Settings, Facebook Page Custom URL, Invite Page Likes, Featured Video, Pin Post and Highlights, Scheduling Posts, Facebook Events, Reply and Message, Facebook Insights Reports, Competitor's Facebook Page, Ban User on Facebook Page, Connect with Twitter. Facebook Ad Campaigns: Organic v/s Paid, Defining Ad Objective, Performance Matrix, Ad Components, Designing Creative Image, Facebook Ad Structure, Setting Up Facebook Ad Account,

Create Ad –Targeting, Create Ad –Budgeting, Create Ad –Creative, Content and CTA, Boosting Page Posts, Page Promotion, Video Promotion, Similar Ads and Audiences, Tracking Pixels Code, Remarketing –Website Visitors, Custom Audiences - Look Alike, Custom Audience -Saved Group, Managing and Editing Ads, Ad Reports and Ad Insights, Billing and Account. Facebook Business Manager, People, Pages and Roles, Ad Accounts Configurations, Ad Agencies and Assigning, Shared Login for FB Business A/c, Power Editor, Email Targeting on Facebook, Facebook Offers, CTA on Page, Posts for Location, Save Time with Third Party Tools, Case Studies. **(5+1)**

3. Google Adwords: Understanding Adwords, Google Ad Types, Pricing Models, PPC Cost Formula, Ad Page Rank, Billing and Payments, Adwords User Interface, Keyword Planning, Keywords Control, Creating Ad Campaigns, Creating Text Ads, Creating Ad Groups, Bidding Strategy for CPC, Case Studies. PPC, CPM, CPA , Other Measuring Tools, Bidding Strategy on Location, Bidding Strategy on Schedule, Bidding Strategy on Devices, Conversion Tracking Code, Designing Image Ads, Creating Animated Ads, Examples on Animated Ads, Creating Video Ads, Youtube Video Promotion, Hi-Jack Competitor's Video Audience, Case Studies. Remarketing Strategies, Remarketing Rules, Remarketing Tracking Code, Linking Google Analytics, Designing Remarketing Images, Shared Budget, GWD Software, Case Studies. **(5+1)**

4. YouTube Marketing: Video Flow, Google Pages for YouTube Channel, Verify Channel, Webmaster Tool –Adding Asset, Associated Website Linking, Custom Channel URL, Channel ART, Channel Links, Channel Keywords, Branding Watermark, Featured Contents on Channel, Channel Main Trailer, Uploading Videos, Uploading Defaults, Creator Library, Case Studies. Channel Navigation, Video Thumbnail, CTA –Annotation, CTA –Extro, CTA –Cards for Mobile, Redirect Traffic to Website, Post Upload Enhancements, Live Broadcasting, Managing Playlists, Managing Comments, Managing Messages, Monetization with Adsense, Paid YoutubeChannel, Channel Analytics, Real Time Analytics, Case Studies. **(5+1)**

5. Email Marketing - Content Writing: Email Machine –The Strategy, Email Frequency, Why People Don't Buy, The Fuel –Value, Triggers in Email using 4Ps, Sequence of Email Triggers, Email Example - Topic, Intro, Product, Secondary Value, Fear, Regret, Ask for Sales, Reinforcement, Offers Announcements, Urgency, Cross Sales, Re-Engagement, Buyer vs Consumer. Email Software and Tools, Importing Email Lists, Planning Email Campaign, Email Templates and Designs, Sending HTML Email Campaigns, Web Forms Lead Importing, Integrating Landing Page Forms, Campaign Reports and Insights, Segmentation Strategy, Segmentation Lists, Auto-Responder Series, Triggering Auto –Responder Emails, Auto Responder Actions, Case Studies. **(5+1)**

Suggested Text Books:

1. Google Adwords for Beginners: A Do-It-Yourself Guide to PPC Advertising, Cory Rabazinsky,
2. Email Persuasion: Captivate and Engage Your Audience, Build Authority and Generate More Sales With Email Marketing, Ian Brodie
3. Social Media Marketing All-In-One for Dummies, Jan Zimmerman and Deborah

Semester II		221MKT: Marketing of Financial Services - I
2 Credits	LTP: 0:3:1	Subject Elective (SE) Course – Marketing Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO221MKT.1	REMEMBERING	RECALL and DESCRIBE the key terminology of Financial Services.
CO221MKT.2	UNDERSTANDING	DESCRIBE the various types of financial products and services.
CO221MKT.3	APPLYING	DEVELOP FAQs for each kind of financial products and services from an investment advisor's perspective.
CO221MKT.4	ANALYSING	COMPARE and CONTRAST the various types of financial products and services and ILLUSTRATE their benefits and limitations.
CO221MKT.5	EVALUATING	EVALUATE the financial products and services from an investment perspective for various kinds of investors.
CO221MKT.6	CREATING	COLLECT the application forms for all kinds of investments and DISCUSS each of them.

1. Financial Market Fundamentals: Equity Markets: Capital Markets, Role in the Economy, Brief History of BSE and NSE. Trade lifecycle of a financial instrument, Market Participants in the Equity markets with perspectives on 'Buy' side and 'Sell' side, Key terminologies related to the Equity markets. **Bond Markets:** Introduction to bond markets, how bond markets operate? Key terminologies related to the bond markets. Regulatory aspects of the Bond Markets, Key players in the Bond Markets (such as FIIs, Hedge Funds etc.) **Debt Instruments:** Debt instruments and their classification based on

Subject Elective (SE) Courses - Semester II
Specialization: Financial Management

Semester II		217FIN: Securities Analysis & Portfolio Management
2 Credits	LTP: 0:3:1	Subject Elective (SE) Course – Financial Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO217FIN.1	REMEMBERING	REMEMBER various concepts taught in the syllabus.
CO217FIN.2	UNDERSTANDING	EXPLAIN various theories of Investment Analysis and Portfolio Management.
CO217FIN.3	APPLYING	CALCULATE risk and return on investment using various concepts covered in the syllabus.
CO217FIN.4	ANALYSING	ANALYZE and DISCOVER intrinsic value of a security.
CO217FIN.5	EVALUATING	DESIGN/ CREATE optimal portfolio.

- 1. Introduction & Concepts: Investment:** Meaning, nature & objectives, Investments Vs. Speculation & Gambling, Investment Process, Investment Environment, Investment avenues: Marketable & Non marketable financial assets. **Portfolio Management:** Meaning, attributes, significance and process of Portfolio Management, Portfolio manager and his role (3+1)
- 2. Risk & Return Analysis: Risk & Return:** Meaning and Elements of Risk & Return, Measurements of Risk & Return, Relationship between risk and return. **Fundamental Analysis:** Economy analysis, industry analysis and company analysis, weaknesses of fundamental analysis. **Technical Analysis:** Meaning, Tools of technical analysis, Technical Analysis vs. Fundamental Analysis. **Efficient Market Theory:** Meaning, Forms of Market Efficiency, Efficient Market Hypothesis vs. Fundamental & Technical Analysis (7+1)
- 3. Valuation of bonds and shares: Bond Valuation:** Meaning, Types, Bond Prices, Bond Return, Risks in Bonds. **Equity Valuation:** Meaning, Concept of Present Value, Share Valuation Models, Multiplier Approach to Share Valuation (5+1)
- 4. Portfolio Analysis & Selection: Concept of portfolio and portfolio management:** Meaning, Types of Portfolio Risks, Diversification of Risks, Selection of Optimal Portfolio. **Markowitz Portfolio Selection Model:** Efficient set of portfolios, Optimal Portfolio selection, Limitations of the Model. **Capital Asset Pricing Model (CAPM):** Meaning, Assumptions & Limitations of CAPM. **Sharpe-The Single Index Model:** Measuring security risk & return, Measuring Portfolio Risk & Return. **Factor Models and Arbitrage Pricing Theory:** Arbitrage Pricing Theory and its principles, Comparison of Arbitrage Pricing Theory with the Capital Asset Pricing Model (7+1)
- 5. Portfolio Revision & Evaluation : Portfolio Revision:** Meaning and need of Portfolio Revision, Constraints in Portfolio Revision, Revision Strategies, **Portfolio Evaluation:** Meaning and need of Portfolio Evaluation, Evaluation Perspectives, Measuring Portfolio Returns & Risk Adjusted Returns (3+1)

Suggested Text Books:

1. Investment Analysis and Portfolio Management, Chandra, Prasanna (Tata McGraw Hill Publishing Co. Ltd.)
2. Securities Analysis & Portfolio Mgmt., V A Avadhani, Himalaya Publications
3. Security Analysis and Portfolio Management, S. Kevin, PHI Learning Pvt. Ltd.
4. Investment Analysis & Portfolio Management, Ranganathan & Madhumathi, Pearson Education Pvt. Ltd.

Suggested Reference Books:

1. Security Analysis and Portfolio Management, Fischer DE & Jordan R J, Prentice Hall.
2. Portfolio Management, Barua, S. K.; Raghunathan V; Varma, J R, Tata McGraw Hill Publishing Co. Ltd.
3. Investment Analysis and Portfolio Management, Frank K. Reilly and Keith C. Brown, Thomson Learning
4. Modern Investments and Security Analysis, Fuller R J; Farrel JL, McGraw Hill
5. Investment Management, V.K. Bhalla, S. Chand & Co.
6. Security Analysis & Portfolio Management, S. Bhat, Excel Books
7. Security Analysis and Portfolio Management, Punithavathy P., Vikas Publishing
8. Security Analysis and Portfolio Management, A.P. Dash, I.K. International

1. Introduction: Meaning, Nature, Scope and Importance of International Marketing; Management Orientations in the context of International Marketing – EPRG Framework; Overview of International Marketing Management Process; International Marketing Environment and Its Effect on International Marketing – Economic Environment, Trade Environment, Social and Cultural Environment, Political Environment, Legal and Regulatory Environment, Demographic Environment, Natural Environment, Technological Environment. **[4+1+1]**

2. Approaching International Marketing: International Marketing Information System and International Marketing Research; International Market Segmentation; Target Market Selection; International Market Entry Strategies; International Positioning Strategies. **[3+1+1]**

3. International Marketing Mix I:

a) **International Product Planning:** Major Product Decisions-Product Features and Quality, Product Design, Branding, Packaging, Labeling, and Product Support Services; Product Standardization vs. Adaptation; New Product Development; IPR Issues; International Product Life Cycle; Managing Product Mix and Product Line.

b) **Pricing for International Markets:** Factors affecting International Price Determination; Pricing Strategies for International Markets; Price Quotations and Terms of Sale, Delivery and Payment; Dumping; Gray Market; Transfer Pricing. **[4+1+1]**

4. International Marketing Mix II:

a) **Managing International Promotion:** International Promotion Mix Decisions: Advertising, Sales Promotion, Public Relations and Publicity, Personal Selling, Direct Marketing; Standardization vs. Adaptation issue; Developing International Promotion Campaign.

b) **Managing International Distribution:** Designing International Distribution Channels; Management of International Distribution Channel; Distribution Channel Dynamics; International Logistics Management. **[5+1+1]**

5. Managing International Marketing in 21st Century: Patterns of International Marketing Organization; Leadership; Digital Revolution and International Marketing; Developing International Competitiveness; Ethics, CSR and Social Responsiveness in Globalization Era. **[4+1+1]**

Suggested Text Books:

1. Global Marketing Management by Keegan Warren J. and Green M.C. Pearson Education.
2. International Marketing: Analysis and Strategy by Sakonkvisit and John Shaw, Prentice Hall of India.
3. International Marketing by Cateora, Graham and Salwan, McGraw-Hill.
4. International Marketing Management by Subhash Jain, CBS Publishers & Distributors.
5. International Marketing by Rakesh Mohan Joshi, Oxford University Press.
6. International Marketing by Rajgopal, Vikas Publishing House.

Suggested Reference Books:

1. International Marketing by Czinkota and Ronkainen, Cengage Learning.
2. Global Marketing Management by Kotabe and Helsen, Wiley Publication.
3. International Marketing by Terpstra Vern and Sarathy Ravi, The Dryden Press.
4. Global Marketing by Svend Hollensen, Prentice Hall.
5. International Marketing: An Indian Perspective by Varshney R. L. and Bhattacharya B., Sultan Chand and Sons.
6. International Marketing by PK Vasudeva, Excel Books.

Semester III	SE -IL -MKT- 09	314 MKT: Digital Marketing II
2 Credits	LTP: 1:1:1	Subject Elective (SE) Course – Marketing Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO 314MKT.1	REMEMBERING	DEFINE the key terms and concepts related with digital marketing
CO 314MKT.2	UNDERSTANDING	EXPLAIN various tools of digital marketing.
CO 314MKT.3	APPLYING	MAKE USE OF various tools of digital marketing.
CO 314MKT.4	ANALYSING	CLASSIFY the different tools and techniques of digital Marketing with respect to SEO, SEM and SMM to increase the customer acquisition and retention.

CO 314MKT.5	EVALUATING	ASSESS the suitability of Digital Marketing Tools w.r.t. SEO, SEM and SMM to increase cost-effectiveness in specific marketing situations.
CO 314MKT.6	CREATING	DEVELOP appropriate digital marketing campaign.

1. Digital Marketing and its Role in Global Context:

- 1.1 Concept, Role and Importance of Digital Marketing, Digital Marketing Vs. Traditional Marketing, Digital Marketing Process, Phygital marketing, Omni channel marketing, E-commerce & new trends in current scenario of the world.
- 1.2 Digital Marketing Environment, Digital Micro Environment, Understanding micro marketing elements in the digital marketing context
- 1.3 Digital Macro environment in India, PESTAL Analysis, National factors, global factors, role of cyber policy and digital commerce policy, Global Perspective of Digital Marketing **(4+1)**

2. Applying Segmentation, Targeting and Positioning to Digital Marketing:

- 2.1 Segmentation: Concept, Need & Benefits, Criteria for segmenting Digital Audience - Geographic, Demographic, Psychographic, Behavioral segmentation.
- 2.2 Targeting Online Customers – Business, Government and Customer Markets.
- 2.3 Product Positioning, Sectoral perspective in digital marketing applications with the help of case studies.
- 2.4 Overview of Marketing Mix in digital marketing context **(4+1)**

3. Search Engine Optimization (SEO) Tools and Techniques:

- 3.1 Introduction to SEO concept and role in digital marketing: Understanding Search Engine Optimization: Search Engine Optimization (SEO), Features of SEO, Significance of SEO.
- 3.2 Model used in Digital Marketing, The Five Stage AACRO POEM model, Inverted Pyramid in SEO , Content Drilldown, E3model, Understanding Web and Mobile Marketing perspective.
- 3.3 Key SEO tools, Application and Functions Google Domain, Google my business, Google Search Console, Google Trends, Google Tag manager, SEM Rush, Domain Authority Score, Inbound Marketing.
- 3.4 Overview of Inbound Marketing: Essentials of an Effective Inbound Strategy, Optimizing Your Website for SearchEngines, Convert Visitors in Leads, Creating Content with a Purpose, Lead & its generation online, Relevant Lead and Converting Visitors into Lead, Converting Leads into Sales. **(5+2)**

4. Search Engine Marketing (SEM) Tools:

- 4.1 Search Engine Marketing (SEM), Comparison between SEO and SEM, SMM and Keywords, Terminologies associated to SEM, Pay Per Click (PPC), Cost per Click (CPC), Search Engine Results Page (SERP), Click-Through Rate (CTR), Impressions, Google Display Network (GDN). Understanding Web and Mobile Marketing perspective.
- 4.2 Key SEM tools, Applications and functions, Google Ads, Google Analytics, Google Admob, Google Adsense, Google Marketing Platform, Google Shopping Campaign, Word stream advisor.
- 4.3 The Fundamentals of Blogging, Amplifying Your Content with Social Media, Enticing Clicks with Calls-to-Action, the Anatomy of a Landing Page, Optimization Thank You Page, Sending the Right Email to the Right Person, Hob Spot Inbound Marketing Certification.
- 4.4 Understanding the concept of Website Analytics, Different types of Web Analytics, Social Web Analytics, Mobile Web Analytics, Conversion Web Analytics, Key Performance Indicators, Google Analytic, Benefits of using Google Analytics, Clicky vs. Google Analytics, Website Traffic Measurement Metrics.
- 4.5 Affiliate Marketing, Influencer marketing,
What is Traffic? Type of Traffic How to analyze & Track Traffic (Google analytics), Ways to Increase Traffic, What is affiliate Marketing, Cost per Action (CPA) **(5+2)**

5. Social Media Marketing (SMM), B to C Perspective, B to B Perspective:

- 5.1 Introduction to Social Media, Advantages Over Online Marketing, Social Media Strategy. Understanding Web and Mobile Marketing perspective.
- 5.2 Facebook Marketing: Understanding of Facebook Marketing, Types of Facebook Advertising, Creating first ad on Facebook, Setting Campaign and optimization, Facebook Power Editor, Facebook Video Marketing, Facebook App & Shopping Marketing, Facebook ad library, Traffic and Leads Generation.
- 5.3 Twitter Advertising: Twitter Advertising, Types of Twitter Advertising, Creating first ad on Twitter Setting Campaign and optimization, Create conversion code, Twitter App Advertising, Twitter Video Advertising Leads & Traffic Advertising Increase followers, Twitter Marketing, Strategy and Planning, Tracking and Conversion.

Suggested Text Books:

Security Analysis and Portfolio Management by Sudhindra Bhat, Excel Books, 2011 Edition

Suggested Reference Books:

1. Marketing Financial Services by Hooman Estelami, Dog Ear Publishing, LLC
2. The New Wealth Management: The Financial Advisor's Guide to Managing and Investing Client Assets
3. Harold Evensky, Stephen M. Horan, Thomas R. Robinson
4. Management of Banking and Financial Services (Third Edition) Padmalatha Suresh & Justin Paul (Pearson)

Suggested Swayam courses:

1. Services Marketing: Integrating People, Technology, Strategy
2. Services Marketing: A Practical Approach

Websites

1. <http://www.Rbi.org.in>: Report on Internet Banking.
2. <http://www.lbef.org>: Banking Sector in India

Semester III	SE -IL -MKT- 11	316 :Marketing Analytics
2 Credits	LTP: 1:1:1	Subject Elective (SE) Course – Marketing Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO316MKT.1	REMEMBERING	DEFINE various key concepts in Marketing Analytics
CO316MKT.2	UNDERSTANDING	DESCRIBE various key concepts in Marketing Analytics
CO316MKT.3	APPLYING	IDENTIFY what customers' value in a product/service, and assess what they are willing to pay for it.
CO316MKT.4	ANALYSING	EXPLAIN the use of various models and frameworks to solve marketing problems using marketing data
CO316MKT.5	EVALUATING	MEASURE the effectiveness of marketing efforts and key outcomes in multiple areas of Marketing.
CO316MKT.6	CREATING	DESIGN a study that incorporates the key tools and techniques of Marketing Analytics

1. Introduction to Marketing Analytics:

Business Decision making, Business Analytics; Marketing Analytics – Types, Nature(Descriptive, Prescriptive, Predictive), Process of marketing Analytics, Marketing data, Understanding important metrics in Marketing, Analytics in various Marketing Applications (Scope), Introduction on Tools & Techniques used in Marketing Analytics, Summarizing Marketing data, Basic statistical concepts applicable e.g. Simple Linear Regression, Multiple Linear Regression and Conjoint Analysis [4+1]

2. Analytics on Forecasting and Pricing Analytics:

Forecasting- Correlation, Simple Regression and Multiple Regression to forecast sales, Modeling Trend and Seasonality, Ratio to Moving Average Method, Forecasting New Product sales -Using 'S' curves, Concepts-The Bass diffusion model, The Copernican principle to predict duration. **Pricing Analytics** - Optimization, Practical applications of price analytics, ROI concept, Consumer preference, choice, Conjoint Analysis, Logistic regression [5+1]

3. Customer Profitability and Analytics on Sales & Distribution:

Cluster Analysis, Collaborative Filtering, Classification Trees for Segmentation. Customer intelligence (CI) for predictive analytics, Customer Life Time Value (CLTV), How to calculate CLTV, Customer churn, Metrics for Customer Acquisition and Retention, Customer Equity, Customer Loyalty, Cohort analysis, Monte Carlo Simulation and Marketing Decision making. **Analytics on Sales & Distribution:** Metrics for Sales, profitability, Sales Force Sizing, Effort (call planning), Territory Planning, Target Setting, Compensation Planning, Analytics based channel evaluation and selection [6+1]

4. Analytics on Retailing, Topline and Bottomline Goals, Right Pricing, Point of Sales data, Market Basket Analysis Lift, RFMA analysis, SCANPRO model, Allocating Retail Space and resources. [4+1]

5. Analytics on Promotion Web and Social Media Analytics:

Marketing Mix Models, Brand assets and Brand equity, Brand Funnel Analysis, Measuring effectiveness of advertisement, Media Selection Models, PPC and Online Advertising, Allocation of marketing budgets over multiple campaigns, Google Analytics, Measuring effectiveness of Social Media Advertising, Facebook and Twitter analytics, Viral Marketing and Text mining, Applying Text Mining in Real Life Scenarios, Google Analytics[6+1]

Reference Books:

1. Marketing Analytics by Wayne L. Winston, Publisher – John Wiley & Sons Inc.
2. Business Analytics by U. Dinesh kumar, Publisher – John Wiley & Sons
3. Data Mining Techniques in CRM by Konstantinos K. Tsipis, Antonios Chorianopoulos -Publisher – John Wiley & Sons.
4. Marketing Research by Dr. Rajendra Nargundkar, Publisher Tata McGraw Hill
5. Relationship Management- Text & Cases by S. Shajahan. Publisher T.M G.H

EBooks:

1. Marketing Analytics Roadmaps-Method, Metrics, and Tools by Jerry Rackley- Published-Apress
2. Marketing Analytics: Data-Driven Techniques with Microsoft Excel by Wayne L. Winston, Publisher- John Wiley & Sons, Inc.
3. Pricing, Online Marketing Behavior, and Analytics by Giampaolo Viglia, Publisher- Palgrave Macmillan
4. Everything You Need To Know About Customer Lifetime Value (CLV) – DEMAC Media
5. Facebook Marketing for Dummies, Amy Porterfield, Phyllis Khare, Andrea Vahl. Publisher – John Wiley & Sons Inc.
6. Social Media Marketing by Dave Evans with Jake McKee. Publisher – John Wiley & Sons Inc.

Semester III	SE -IL -MKT- 12	317 : Marketing of High Technology Products
2 Credits	LTP: 1:1:1	Subject Elective (SE) Course – Marketing Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO317.1	REMEMBERING	DESCRIBE the characteristics of High Technology Products and key concepts associated with Marketing of High-Tech Products.
CO317.2	UNDERSTANDING	EXPLAIN key concepts associated with Marketing of High-Tech Products.
CO317.3	APPLYING	APPLY marketing plans and decisions in specific situations in High-Tech Markets.
CO317.4	ANALYSING	EXAMINE the suitability of Marketing Mix Strategies/Plans in the light of marketing environment for high Tech products.
CO317.5	EVALUATING	EVALUATE alternative Marketing Mix Strategies/Plans for High-Tech Products.
CO317.6	CREATING	DEVELOP Marketing Mix Strategies/Plans for High-Tech Products.

1.Introduction to High Technology Marketing: Definition, Common Characteristics of High Technology, Continuum of Innovations - Radical/Breakthrough Innovations -Incremental Innovations - Implications of Different Types of Innovations -Contingency Model for High-Tech Marketing - Does Marketing Need to Be Different for High-Technology Products and Innovations? - Framework for Making High-Technology Marketing Decisions. **(5+1)**

2.Product and Branding decisions in High-Tech Markets: Market Orientation, R&D–Marketing Interaction, High-Tech Marketing Research Tools - Concept Testing - Conjoint Analysis - Customer Visit Programs - Empathic Design - Lead Users - Quality Function Deployment - Prototype Testing - Beta Version Testing, Technology Development – The “What to Sell” Decision-Developing Services as Part of the High-Technology Product Strategy, Implications for High-Tech Marketing - Protection of Intellectual Property - Understanding Gray Markets –Piracy, and Restricted Exports - Managing Intellectual Property, Importance of Branding in High-Tech Markets, Developing a Strong Brand - Ingredient Branding. **(7+ 1)**

3.Pricing decisions High-Tech Markets: The High-Tech Pricing Environment, 3Cs of pricing costs, competition, customers, Consolidating 3Cs into a successful strategy, Customer oriented pricing, Pricing of After-Sales Service - The Technology Paradox- Solutions to the Technology (Pricing) Paradox - From Free to Fee. The Effect of the Internet on Pricing Decisions - Additional Pricing Considerations - Outright Sale of Know-How versus Licensing Agreements - Licensing Restrictions - Pay-Per-Use versus Subscription Pricing - Price Bundling – Leasing. **(5 + 1)**

Traders, Do's and Don'ts in Trading, Rules to Stop Losing Money Choosing the Right Market to Trade, Importance of Discipline in Trading, Efficient Market Theory. (5+1)

Suggested Books:

1. Technical Analysis of financial markets: A comprehensive guide to trading methods & applications – John J. Murphy
2. Technical Analysis Explained: The Successful Investor's Guide to Spotting.
3. Investment Trends and Turning Points - Martin J. Pring.
4. Technical Analysis of Stock Trends, 8th Edition - Robert D. Edwards, John Magee, W. H. C. Bassetti.
5. Technical Analysis for Indian Financial Markets – Shriram Nerlekar, Ashish Kelkar

Semester II		314FIN: Commodities Markets
2 Credits	LTP: 0:3:1	Subject Elective (SE) Course – Financial Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO314FIN.1	REMEMBERING	DESCRIBE the key concepts of commodities market
CO314FIN.2	UNDERSTANDING	Understanding the pricing mechanism of commodity, regulatory framework and the difference between commodity and financial derivatives
CO314FIN.3	APPLYING	APPLY all the required strategies and calculations of commodities trading.
CO314FIN.4	ANALYSING	ANALYZE both the fundamental and technical factors that drive the commodity price movements
CO314FIN.5	EVALUATING	EVALUATE the various methods and tools to detect the pulse of the markets and determine the trend in which the prices are moving.
CO314FIN.6	CREATING	ADAPT the skills of commodity analysis and build their own trading strategies

1. **Understanding Commodities and Derivatives:** - Definition of commodity, Kinds of commodity, importance of commodity, Commodities as a New Asset Class, Evolution of Commodity Exchange, FCR Act 1952 and Regulatory structure of Commodities Derivatives Markets in India, Definition of derivative, Types of Derivatives, Over the Counter Derivative, Exchange Traded Derivatives, Difference between commodity and financial derivatives, Physical settlement, Warehousing, Historical changes and growth of global and domestic Commodities derivatives markets, Global commodities derivatives exchanges : - Africa, Asia, Latin America, Commodities as an investment tool for investors, The Kabra committee report and Latest developments. Evolution of Commodity Exchange, NCDEX Platform - Structure of NCDEX, commodities traded on NCDEX platform

(4+1)

2. **Product design and Instruments for trading and pricing of commodity derivatives:** - Issues Related to Product Design and contract specifications, Issues related to Spot price and present practices of commodities exchanges, Agricultural Commodities Markets & Non- Agricultural Commodities Markets: Issues in Agricultural Commodities Markets, Agricultural Commodity Futures trading pattern in Exchange – Case study , Issues in Non-Agricultural Commodities Markets, Commodities Derivative Exchanges and design of the markets, Non- Agricultural Commodity Futures trading pattern in Exchange – Case study. Basis Risk and its importance in pricing, Commodity Options on Futures and its mechanism. Instruments available for trading Forward contracts, Futures, Distinction between futures and forwards contracts, Options, Basic payoffs, Payoff for futures, Payoff for options, Pricing commodity futures, Investment assets versus consumption assets, The cost of carry model, Pricing futures contracts on investment commodities, Pricing futures contracts on consumption commodities. (7+1)

3. **Basic principles of hedging, speculation and arbitrage:** Using commodity futures, Hedging: - Basic principles of hedging, Short hedge, Long hedge, Hedge ratio, Advantages of hedging, Limitation of hedging, Speculation: - Speculation: Bullish commodity, buy futures, Speculation: Bearish commodity, sell futures, Arbitrage: - Overpriced commodity futures: buy spot, sell futures, Underpriced commodity futures: buy futures, sell spot. (5+1)

4. **Market Mechanism:** Trading- Futures trading system, Entities in the trading system, Guidelines for allotment of client code, Contract specifications for commodity futures, Commodity futures trading cycle, Order types and trading

parameters, Margins for trading in futures, Charges. Clearing and settlement, Clearing: - Clearing mechanism, Clearing banks, Depository participants, Settlement: - Settlement mechanism, Settlement methods, Entities involved in physical settlement, Risk management. (4+1)

5. **Analysis of commodities:** - Introduction to Technical Analysis, Philosophy of Technical Analysis, Relationship between Price and Time, Volume and Open Interest, Basics of Dow Theory, Basic concepts of Trend, Lines Support & Resistances, Reversal and Continuation Patterns, Basics of Gap Theory, Introduction to Indicators and Oscillators. Fundamental Analysis in Commodity Market, Basic Significance of Fundamental Analysis, Classification of Commodities, Factors Affecting Commodities, Analytical Techniques, Commodity Baskets, Correlation Between Commodities, Interrelation between Other Asset Classes and Commodities **(5+1)**

Suggested Text Books:

1. Commodity Derivatives – IIBF
2. Futures & Options (equities & commodities) – A.N. Sridhar
3. Commodity Derivatives: Markets and Applications - Neil C. Schofield
4. Commodity Derivatives: Markets and Applications (The Wiley Finance Series) - Neil C. Schofield

Suggested Reference Books

1. Commodities and Commodity Derivatives: Modeling and Pricing for Agricultural, Metals and Energy – Helyette Geman
2. Risk Management in Commodity Markets: From Shipping to Agricultural and Energy (The Wiley Finance Series) – Helyette Geman
3. Guide to Indian Commodity Market : Ankit Gala & Jitendra Gala
4. Commodities Markets and Derivatives : B. Kulkarni

Supplementary Reading Material

NCFM Module on Commodity Derivatives

SEMESTER III		315 FIN – Indirect Taxation
2 Credit	LTP : 1:1:1	Subject Elective (SE-IL) Course – Financial Management

Course Outcomes: On successful completion of the course the learner will be able to:

CO#	Cognitive Ability	Course Outcomes
CO315FIN.1	Remembering	Remembering the key concepts of Indirect Taxes in India Identifying and enumerating the various terms associated with GST and other indirect taxes.
CO315FIN.2	Understanding	Explain how GST works as an Uniform Tax Structure, Illustrate the GST framework of India, & describe the important concepts such as supply, dual taxation method, registration process, etc.
CO315FIN.3	Applying	Apply the theories and Principles and perform all calculation through numerical problems on valuation and calculation of taxes. Identify the time value of supply; determine the taxable person and tax levied on goods and services.
CO315FIN.4	Analysing	Illustrate the e filling process of GST Categorize the Goods and Services under GST and amount of tax to be paid using Dual tax concept.
CO315FIN.5	Evaluating	Evaluate Input Tax Credit Process, reversal, late filing and New Amendments; appraise various indirect taxes; Interpret the GST framework in India & verify the tax levied on Goods and Services.
CO315FIN.6	Creating	Elaborate all Provisions of GST and can correlate with filing of returns; virtual e filling can be done Estimate the GST, TDS, anticipate goods, services, tax payable person for the business.

Semester III		317 FIN: Financial Modeling
2 Credits	LTP: 2:0:0	Subject Elective (SE) Course – Financial Management

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO317.1	REMEMBERING	Remember the concepts, terminologies, frameworks, tools and techniques of Financial modeling
CO317.2	UNDERSTANDING	UNDERSTAND the applications and use of MS Excel in financial modeling and its different techniques
CO317.3	APPLYING	DEVELOP, APPLY and actually use core functionality of MS Excel in decision framework to solve managerial problems
CO317.4	ANALYSING	ANALYSE different financial models in order to eliminate substantial risk of poor spreadsheet coding
CO317.5	EVALUATING	FORMULATE an idea and acceptable solutions to solve different problems in the area of financial management
CO317.6	Creating	BUILD financial models by making appropriate assumptions on financial factors relevant to the situation.

- 1. Introduction:** Meaning, Benefits and Uses of Financial Modeling. **1.2] Basic Excel for Financial Modeling:** Formatting of Excel Sheets, Use of Excel Formula Function, Advanced Modeling Techniques, Data Filter and Sort, Charts and Graphs, Table formula and Scenario building, Lookups: Vlookup Match & offset, pivot tables. **(5+1)**
- 2. Financial Statement Analysis:** Introduction to Financial Statement Analysis, Financial Reporting Mechanics, Understanding Income Statement, Balance Sheet, Cash Flow Statement, Financial Analysis Techniques, Inventories, Long Lived Assets, Non Current Liabilities, Application of Financial Statement. **(5+1)**
- 3. Financial Ratios:** Ratio analysis of industries, Du point Analysis, Peer to peer analysis, Preparation of Financial Analysis report on an industry. **(4+1)**
- 4. Financial Management:** Time value of money, Long term financing, Cost of capital, Measure of Leverage, Budgets, Types of Budgets. **(4+1)**
- 5. Equity Research Modeling:** Prepare an Income Statement, Balance sheet, Cash Flow Statement, Geographic Revenue Sheet, Segment, Revenue Sheet, Cost Statement, Debt Sheet, Analyze Revenue Drivers, Forecast Geographic & Segment Revenues, Cost Statement, Debt, Income Statement, Balance Sheet, and Cash Flow Statement, Performa Adjustments, Income Statement - Compute Margins, Balance Sheet -Compute Ratios, Cash Flow Statement Projection, Valuation- Discounted Cash Flow Method (DCF), Valuation – Relative Valuation (Football Field Chart), Valuation – Assumptions for Valuation Model, Prepare Valuation Model, Prepare Presentation Sheet, Prepare Company Overview , Sector Overview. **(7+1)**

Suggested Books:

- 1) Business Data Analysis using Excel – David Whigham – Oxford University Press
- 2) Mastering Financial Modeling in Microsoft Excel – Alastair L. Day
- 3) Practical Financial Modeling – Jonathoan Swan

Reference Books:

- 1) Financial Modeling Using Excel and VBA by Chandan Sengupts, John Wiley & Sons
- 2) Building Financial Models with Microsoft Excel: A Guide for Business Professionals, K. Scott Proctor, 2nd Edition, John Wiley & Sons
- 3) Advanced Modeling in Finance using Excel and VBA By Mary Jackson, Mike Staunton, John Wiley & Sons
- 4) Next Generation Excel: Modeling in Excel for Analysts and MBAs By Isaac Gottlieb, John Wiley & Sons
- 5) Financial Modeling Module, NSE Academy

Semester III		318 Fin-Digital Banking
2 Credits	LTP: 2:1:1	Subject Elective (SE) Course- Financial Management (Fin)

Course Outcomes: On successful completion of the course the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO318 Fin.1	REMEMBERING	Remember various concepts and products in Digital Banking
CO318 Fin.2	UNDERSTANDING	Explain and understand the significance and development of Digital Banking
CO318 Fin.3	APPLYING	Compare and contrast the Branchless Banking and Traditional Banking
CO318 Fin.4	ANALYSING	Analyze the payment system of digital banking from consumer's point of view
CO318 Fin.5	EVALUATING	Evaluate Role of digital banking and emerging technologies in economic development

1. **Introduction to Digital Banking:** Concept, Advantages, Products, significance, development of digital Banking, Distinct Functionaries/Dimensions of a Digital Bank, Customer Education for Digital Banking, Role of digital banking in economic development, Financial Inclusion (5+1)

2. **Digital Banking Products:** ATMs : Instant Money Transfer Systems, Proprietary, Brown Label and White Label ATMs, ATM Network Planning – Onsite / Offsite, Security and Surveillance of ATM Sites, **Cash Deposit Machines :** Overview, Features, CDM Network Planning – Onsite / Offsite and Profitability of CDMs, **Mobile Banking:** Overview and Brief History, Product Features and Diversity, IMPS, Profitability of Mobile Banking, Risk Management and Frauds, **Internet Banking :** Product Features Corporate and Individual Internet Banking, Integration with e-Commerce Merchant sites, Back End Operations and Technology, (7+1)

3. **Branchless Banking:** Objectives, Introduction, Financial Inclusion – Logic and logistics, Vehicles for Financial Inclusion, Business Correspondents / Business facilitators, Digital Banking Products for Financial Inclusion (4+1)

Payment System: Overview of global and domestic payment systems, Immediate Payment Service (IMPS), National Unified USSD Platform (NUUP) and UPI, Participants in UPI, Benefits to Participants, National Automated Clearing House (NACH) Aadhaar Enabled Payment System (AEPS), e-KYC, Cheque truncation System (CTS), National Financial Switch (NFS), RTGS, NEFT, (6+1)

4. **Innovation and Banking:** Innovative Technologies in Banking: Artificial Intelligence, Machine Learning, Big Data, Block Chain, Forex Settlement (3+1)

Suggested Books:

1. Digital Banking – Indian Institute of Banking and Finance
2. The Digital Banking Revolution – Luigi Wewege
3. Digital Bank : Strategies to Launch or become a Digital Bank – Chris Skinner

Reference Material:

1. Banking Beyond Banks and Money : A guide to Banking Services in Twenty first Century – Paolo Tasca, Tomaso Aste, Lorian Pelizzon, Nicolas Perony
2. www.rbi.org.in

SEMESTER III		319 FIN – Treasury Management
2 Credit	LTP : 2:1:0	Subject Elective (SE-II) Course – Financial Management

Course Outcomes: On successful completion of the course the learner will be able to:

CO#	Cognitive Ability	Course Outcomes
CO315FIN.1	Remembering	Remembering the key concepts of Treasury Management, Treasury markets, cash management, and internal controls.
CO315FIN.2	Understanding	Explain organisation structure and functions of treasury, Illustrate cash flow cycle, relate various types of risks; describe the important concepts such as liquidity, controls, etc.
CO315FIN.3	Applying	Identify the market participants, treasury products, Apply the concepts of , forex cash management. Use concepts to mitigate financial and operational risks.
CO315FIN.4	Analysing	Outline the responsibilities and functions of Treasury Manager, Classify types of Treasury markets, Illustrate and analyse the risk.



[Signature]
Director
 Arihant Institute of Business Management
 Baydhan (Bk.) Pune - 21.