

seminars shall be organized by the teacher / teachers in charge of CE and the same shall be assessed by a group of teachers including the teacher / teachers in charge of that course.

#### Tests

For each course there shall be at least one class test during a semester. Valued answer scripts shall be made available to the students for perusal within 10 days from the date of the test.

#### End Semester Evaluation (ESE)

End Semester Examination of all the Courses in all semesters shall be conducted by the University. The duration of examination of all courses shall be 3 hours. In the case of the course in Computer Application, the duration of the examination shall be 3 hours for theory and 90 minutes for practical examination

#### Evaluation of Project

The report of the project shall be submitted to the Department in duplicate before the completion of the sixth semester. There shall be no CE for project work. A Board of two examiners appointed by the University shall evaluate the report of the project work. The viva – voce based on the project report shall be conducted individually. The maximum marks for evaluation of the project shall be 100, distributed among the following components of project evaluation.

i	Statement of the problem and significance of the study -	10
ii	Objectives of the study	- 5
iii	Review of literature	- 5
iv	Methodology	- 15
v	Analysis and interpretation	- 15
vi	Presentation of the report	- 10
vii	Findings and suggestions	- 10
viii	Bibliography	- 5
ix	Viva-voce	- 25
	Total	100

#### Promotion to Higher Semesters

Students who complete the semester by securing the minimum required attendance of 75% and by registering for the End Semester Examination of each semester conducted by the University shall be promoted to the next higher semester.

## Semester I

### Foundation Course I: CO 1121

#### METHODOLOGY AND PERSPECTIVES OF BUSINESS EDUCATION

No of instructional hours per week: 4

No of credits: 2

**Aim of the course:** To provide the methodology for pursuing the teaching learning process with a perspective of higher learning in business education.

### **Course Objectives:**

1. To create a basic awareness about the business environment and the role of business in economic development.
2. To provide a holistic, comprehensive and integrated perspective to business education
3. To give a fundamental understanding about ethical practices in business.

**Module I:** - Meaning of business information- learning business information - methods and techniques of collecting and learning business information- business linkages between business and different economic systems- meaning of economic systems - their functioning - different economic systems and their features - capitalism, socialism, communism and mixed economy. Different forms of business organizations - individual and organized, family and corporate, business for profit and business not for profit. Business entities - Individual, partnerships, co-operatives, trusts, undivided families, joint stock companies, Joint ventures –MNCs. (Basic concepts only) (15 Hours)

**Module II:** - Economic sectors of the Economy: An Overview – primary sector, secondary sector, tertiary sector - business examples in different sectors. Emerging areas in Service sector- Tourism, IT, Healthcare, KPO, BPO, Event Management etc. (A brief study only) (10 Hours)

**Module III:** - Business – objectives -economic - social. Establishing business - steps - environmental analysis: legal, physical, financial, social, economic, technical etc. - idea generation- mobilization of financial resources – sources- savings –loans and advances – shares. Role of entrepreneur. Payment to government – taxes, direct and indirect.( a brief study only) Economic development- meaning, measures of economic development- role of business in economic development - company, industry and economy interrelationship. Role of business (public sector and private sector) in economic development. New Economic Policy - Liberalization, Privatization and Globalization - merits and demerits. Managerialism- features. Infrastructure for industrialization and economic growth of an economy. (20 Hours)

**Module IV:** - Trained manpower for quality enhancement- role of trained manpower for quality at individual level, family level, organizational level and national level - Human Capital Management - concept, importance and benefits. Quality of life and Quality of Work Life - Quality circle. Management problems in small, medium and large organizations. Use of technology in business (a brief study only).

Business ethics - concept, need and importance.

Social ethics, social responsibility and social service – role of NCC and NSS in promoting social values among students. (a brief study only) (15 Hours)

**Module V:** - Individual and team presentations by observation, reading techniques - listening to lectures, note taking- seminars and workshops - conferences and symposiums, field studies, case studies and project reports ( a brief study only) (12 Hours)

Note:

1. A field study on how far privatisation and globalisation enhance the quality of manpower.
2. Students are to be organised into groups of five and should be required to present papers on topics relating to the role of business in economic development and ethical practices in business. The assignments are to be based on the presentations made in the specified areas.

**Books recommended:-**

1. Keith Davis and William Frederic. C. *Business and Society: Management, Public policy, Ethics*, International student Edition McGraw- Hill Book Co New Delhi
2. Cherunilam Francis: *Business Environment* - Himalaya Publishing House, New Delhi.
3. C.B.Gupta: *Business Organisations and Management-* Sultan Chand, 8th Edition 2013
4. Murthy CSV: *Business Ethics and Corporate Governance*, Himalaya Publishing House  
N.M.Khandelwal :*Indian Ethos and Values for Managers*
6. R. R. Gaur, R. Sanghal, G. P. Bagaria; *Human Values and Professional Ethics*.
7. Andrew Crane: *Business Ethics: Managing Corporate Citizenship and Sustainability in the Age of Globalization*, DIRIC Matteu Oxford University Press, New Delhi.
8. Aswathappa, K: *Essentials of Business Environment*, Himalaya Publishing House, New Delhi.
9. Dutt R. and Sundharam K.P.M.: *Indian Economy*, S. Chand, Delhi.
10. DuttRuddar: *Economic Reforms in India-A Critique*; S. Chand, New Delhi.
11. Misra S.K. and Puri V.K.: *Indian Economy-* Himalaya Publishing House, New Delhi.

### **Core Course I: CO 1141 – ENVIRONMENTAL STUDIES**

No. of instructional hours per week: 4

No. of Credits: 3

**Aim of the course:** To develop knowledge and understanding of the environment and enable the students to contribute towards maintaining and improving the quality of the environment.

**Course objectives:**

1. To enable the students to acquire basic ideas about environment and emerging issues about environmental problems.
2. To give awareness about the need and importance of environmental protection

**Module I:** Environmental studies – meaning – scope – importance

(4hrs)

**Module II:** Ecology and Ecosystems, Biodiversity and its Conservation, and Natural resources – meaning of ecology – structure and function of an ecosystem – producers – consumers –decomposers – energy flow in the ecosystem – ecological succession- food chain – food webs and ecological pyramids . Ecosystem – concept– types of ecosystems – structure and functions of forest ecosystem, grass land ecosystem- desert ecosystem, aquatic ecosystem. Biodiversity and its conservation- introduction- definition- genetic, species and ecosystem diversity- value of biodiversity – biodiversity at global, national and local levels – India as a mega-diversity nation – hot-spots of diversity – threats to diversity – conservation of diversity in situ,ex-citu. Natural resources- features- air resources, forest resources, water resources, mineral resources, food resources- energy resources, land resources- over exploitation of natural resources- consequences- conservation of natural resources- role of an individual in conservation of natural resources (25 Hrs)

**Module III:** Industry and environment - pollution – environmental pollution – soil pollution – air pollution – water pollution – thermal pollution – noise pollution – causes, effect and control measures – waste management – waste minimisation through cleaner technologies – reuse and recycling - solid waste management.(18hrs)

**Module IV:** Social issues and environment – Unsustainable to sustainable development – urban problems related to energy - water conservation - water harvesting - resettlement and rehabilitation

of people- environment ethics-waste land reclamation-consumerism and waste products. (15 hrs)

**Module V:** Human Population and environment – population growth – variation among nations – population explosion – environment and human health – human rights – value education – Women and child welfare. (10hrs)

*Note:* All students must visit a local area to document environmental issues and prepare a brief report on the same identifying issues involved and suggesting remedies. (This will be a part of the internal marks. i.e. for EVS the internal marks = attendance – 5 marks + test paper – 5 marks + field study report – 10 marks)

Books recommended

Misra.S.P and Pandey .S.N. *Essential Environmental Studies*, Ane Books India, New Delhi.

Kiran B. Chokkas and others. *Understanding Environment*, Sage Publications New Delhi.

Arumugam N. and Kumaresan V. *Environmental Studies*, Saras Publications, Kanyakumari.

Benny Joseph. *Environmental Studies*, Tata McGraw-Hill Publishing Co.Ltd.,New Delhi.

## **Core Course II: CO 1142 MANAGEMENT CONCEPTS AND THOUGHT**

No: of instructional hours per week: 4 No: of credits: 3

**Aim of the course:** To provide a comprehensive perspective on management theory and practice

**Course objectives:**

- 1) To equip learners with knowledge of management concepts and their application in contemporary organizations
- 2) To facilitate overall understanding of the different dimensions of the management process.

**MODULE-I:** Nature and Evolution of Modern Management - Meaning and Definition of Management-Effective Management- Concept and Need-Qualities and styles of an effective manager-Empowerment style, Participation style, Guidance style -Management skills-Technical, Interpersonal, Conceptual, Diagnostic and Political skills- Mintzberg's Managerial roles- Schools of Management Thought-The Classical School -Human Relations School and the Hawthorne Studies-Behavioural Science School-The Systems School- The Contingency School -Contemporary management Thought-Drucker, Porter, Prahlad, Hamel and Tom Peters (15hrs)

**MODULE-II:** Overview of the Management Process - Planning: Meaning – Definition – Importance- Organizing: Meaning and Definition- Concepts of Authority, Responsibility and Accountability –Delegation and Decentralization - Organization Culture-Types of Organisational Culture-Staffing -Significance of Staffing- Staffing Process(overview only) Directing-Concept-Elements of the Direction function - Controlling- Steps in the Process of Controlling (15 hrs)

**MODULE-III:** Leadership - Meaning - Leadership Qualities- Leadership Styles-Leadership Theories-Trait Theory – Charismatic Leadership Approach - Managerial Grid Theory -Contingency Theory- Fiedler's Model- Situational Leadership Theory -Transactional and Transformational Leadership.(12 hrs)

**MODULE-IV:** Motivation and Communication-Motivation-Meaning and Importance, Intrinsic and Extrinsic motivation, Positive and negative motivation; Motivational Theory-Carrot and stick theory, Maslow's Hierarchy of Human Needs Herzberg's Two Factor theory, Alderfer's ERG theory, Vroom's-Expectancy theory, David McClelland's Need based Motivational Models-Factors determining motivational policy. Communication-Meaning, Need, Process, Types-Verbal, Non-verbal, Visual, Internal, External, Formal, Informal; Barriers to Communication-Physical, psychological, Attitudinal, Semantic, Cross-cultural, Gender; Guidelines for effective communication.(21 hrs)

**MODULE-V:** New Horizons of Management (Conceptual Framework only) TQM-Meaning-Principles of TQM-Deming's 14 points, Barriers to TQM, Customer requirements- The Five Fs-Change Management – Concept and Importance, Knowledge Management- Concept and Importance- Concept of Learning Organisation. (9hrs)

Recommended Practicals:

- 1) Collect Vision/Mission Statements of leading organizations. Examine ways in which elements of these statements are being put into practice.
- 2) Identify Best Practices of business concerns in your locality with regard to different managerial functions.
- 3) Study the Reward and Recognition system used by any leading business organization in your local area.
- 4) Conduct an interview with a successful business leader. Identify the leadership style followed by the leader based on the information collected.
- 5) Study the Quality Management Practices adopted by any business concern.

Recommended Books:

1. Principles of Management, 5/Edn- Tripathi, P.C.McGraw Hill Education Pvt Ltd, New Delhi.
2. Essentials of Management,10/Edn- Harold Koontz, McGraw Hill Education Pvt Ltd, New Delhi.
3. Management Theory and Practice- Mahajan. Ane Books Pvt Ltd, New Delhi
4. Principles of Management:Text and Cases, Bhattacharyya, Pearson Education , New Delhi
5. Principles of Management :Ramaswamy, Himalaya Publishing House, Bangalore.
6. Principles of Management- Govindarajan, PHI Learning, Pvt Ltd, New Delhi.
7. Principles of Management-Gupta Meenakshi
8. Total Quality Management, 2/Edn – CharantimathPoornima M, Pearson Education , New Delhi

### **Complementary Course I: CO 1131 – MANAGERIAL ECONOMICS**

No. of instructional hours per week: 4  
credits: 3

No. of

**Aim of the course:** To acquaint the students with the application of economics in managerial decision making.

**Course objectives:**

1. To familiarise students with the economic principles and theories underlying various business decisions.

2. To equip the students to apply the economic theories in different business situations.

**Module I:** Introduction – Economics – managerial economics – distinction between managerial economics and traditional economics – characteristics of managerial economics – scope of managerial economics – Application of economic theories in business decisions – role and responsibility of a managerial economist. (12hrs)

**Module II:** Demand Estimation – Demand– elasticity of demand – price – income – advertisement cross – uses – measurement. Demand forecasting – short- term and long- term forecasting – methods of forecasting – forecasting the demand for new products. (15hrs)

**Module III:** Theory of Production – Production function – Cobb Douglas Production function – Laws of production–Law of Diminishing Returns–Law of returns to scale–economies and diseconomies of scale–Isoquant curve – Iso cost curve–optimum combination of inputs. (15hrs)

**Module IV:** Pricing Policy and Practices – Market structures – Perfect competition, Monopoly, Monopolistic competition and Oligopoly (concepts and features only) Pricing objectives – role of cost in pricing – demand factor in pricing – factors to be considered when formulating a pricing policy – cost plus pricing marginal cost pricing – going rate pricing – Breakeven point pricing – Product Line pricing – Pricing of a new product – Pricing over the life cycle of a product. (15hrs)

**Module V:** Business Cycles – Introduction – phases of a business cycle – causes and indicators – Theories of business cycles – control of business cycles. (15hrs)

*Notes:*

1. *Conceive a new product idea, fix a suitable price and justify it. The students may develop the various aspects regarding product features, product content, pricing and promotional strategies. (For module IV).*
2. *Study the growth stages of a company – its origin – vision and mission statement – objectives – market access – expansion and diversification. (For module V).*

Books Recommended:

1. Maheswari.K.L and Varshney. *Managerial Economics* ,Sultan Chand &Sons, NewDelhi.
2. Mote V.L, Samuel Paul and Gupta G.S. *Managerial Economics*, Tata McGraw-HillPublishing Co. Ltd., New Delhi.
3. Gupta G.S. *Managerial Economics*, Tata McGraw-Hill Publishing Co. Ltd. NewDelhi.
4. Dwivedi N.D. *Managerial Economics*, Vikas Publishing House, New Delhi.
5. Reddy P.N and Appanniah. H.R.*Principles of Business Economics*, S. Chand &Co.Ltd. New Delhi.

## SEMESTER II

### Foundation Course II: CO 1221-INFORMATICS AND CYBER LAWS

No. of instructional hours per week: 4

No. of credits: 3

**Aim of the course:** To update and expand informatics skills and attitudes relevant to the emerging knowledge society and to equip the students to effectively utilise the digital knowledge resources.

**Course objectives:**

1. To review the basic concepts and fundamental knowledge in the field of informatics and to create an awareness about the nature of the emerging digital knowledge society and the impact of informatics on business decisions.
2. To create an awareness about the cyber world and cyber regulations.

**Module I:** Overview of Informatics- meaning, feature and importance - Computer networks and Internet, wireless technology, cellular wireless networks, introduction to mobile phone technology, Purchase of technology, license, guarantee and warranty. New development in informatics.(12hrs)

Module II: Knowledge Skills for Higher Education- Data, information and knowledge, knowledge management, Internet access methods –Dial-up, DSL, Cable, ISDN, Wi-Fi. Internet as a knowledge repository, academic search techniques, creating cyber presence. Academic websites, open access initiatives, open access publishing models, introduction to the use of IT in teaching and learning - Educational softwares, Academic services – INFLIBNET, NICNET, BRNET. (15hrs)

Module III: Social Informatics- IT and Society– issues and concerns– digital divide, IT and development, IT for national integration, overview of IT application in medicine, healthcare, business, commerce, industry, defence, law, crime detection, publishing, communication, resource management, weather forecasting, education, film and media, IT in service of disabled, Futuristic IT – artificial intelligence, Virtual reality, bio- computing. Health issues – guidelines for proper usage of computers, internet and mobile phones. E-wastes and green computing, impact of IT on language and culture -localization issues (18hrs)

Module IV: CYBER WORLD - Cyber space, information overload, cyber ethics, cyber addictions, Digital Signatures and Digital Certificates – authentication of electronic records- IT Act2000– electronic contracts – electronic evidences (an overview) (12 hrs.)

Module V: CYBER CRIMES – Nature and scope of cybercrimes, - cyber offences under IT Act, Cyber Terrorism, Types of Cybercrimes. (15 hrs.)

**Books Recommended:**

1. Ramesh Bangia. *Learning Computer Fundamentals*, Khanna Publishers, New Delhi.
2. Rajaraman, *Introduction to information Technology*, PHI, New Delhi.
3. Alexis Leon & Mathews Leon. *Fundamentals of Information Technology*, Vikas Publishing House, New Delhi.
4. Ramachandran et.al , *Informatics and Cyber laws*, Green Tech Books, Thiruvananthapuram
5. Barbara Wilson. *Information Technology: The Basics*, Thomson Learning.
6. George Beekman, Eugene Rathswohl. *Computer Confluence*, Pearson Education, New Delhi.
7. IT Act 2000,
8. Rohas Nagpal, *IPR & Cyberspace – Indian Perspective*.

**Core Course III: CO 1241 - FINANCIAL ACCOUNTING**

No. of instructional hours per week: 4

No. of credits: 3

**Course Objectives**

1. To familiarize the students with different methods of depreciation.
2. To equip the students to prepare the accounts of specialised business enterprises.

**Module1-Introduction to accounting.** Review of Financial Accounting- Concepts- Principles- Preparation of Accounts for sole trader.

**Depreciation Accounting-** Meaning -Fixed and reducing balance methods with adjustments – Annuity method – Depreciation fund method – insurance policy method - Revaluation method- estimated life and estimated resale value as per AS 6 Depreciation. (20 hrs)

**Module 2- Accounts of Hire Purchase and Installment purchase system-** Meaning – difference between Hire Purchase and Installment- Accounting entries in the books of purchaser and vendor- Default in payment- Complete and partial repossession – Installment system – Entries in the books purchaser and seller. (15 hrs)

**Module 3- Voyage, Packages and containers accounts** –Voyage Accounts Meaning- Advantages- Preparation of voyage accounts- Voyage in progress – Accounting for packages and containers – Accounting treatment – Containers trading account- Containers provision account. (12 hrs)

**Module 4- Investment Accounts-** Fixed income bearing securities- Variable income bearing securities- Purpose of Investment ledger-Cum Interest- Ex Interest- Difference- Columnar Investment Accounts- Adjustment for Equity shares Investment accounts- Dividend received-Bonus share- Right Shares. (12 Hrs)

**Module5- Insurance Claims-** Types of risks- preparation of statement to ascertain value of stock on the date of fire – Treatment of salvage – valuation of stocks prior to date of fire — Treatment of Average Clause, Treatment of Abnormal items Claims for loss of stock- Average Clause- Journal entries- calculation of Amount of Claim- Loss of Profits on insurance (13Hrs)

**Recommended Structure of questions for ESE:-.** Theory 30% Problem 70%

**Recommended Practicals:**

1. Collection of details of Repossessed Assets which were sold on hire purchase system and making a presentation on their actual accounting treatment.
2. Collection and evaluation of the statements from insurance companies to ascertain the value of stock at the date of fire and to understand the settlement.

**Books Recommended**

1. Gupta R. L. and Radhaswamy .M. *Advanced Accounting* , Sultan Chand & Sons , New Delhi.
2. Shukla M. C .Grewal .T. S. and S.C. Gupta. *Advanced Accounts* S. Chand &Co. Ltd. New Delhi.
3. Jain S.P. and Narang K. L. *Financial Accounting* , Kalyani Publishers , New Delhi.
4. NaseemAhmed ,Nawab Ali Khan and Gupta . M. L. *Fundamentals of Financial Accounting Theory and Practice* ,Ane Books Pvt . L td.New Delhi.
5. A Mukharjee and M Hanif ,*Modern Accountancy*, TATA McGraw Hill Publishing Company Ltd. New Delhi.

**CORE COURSE IV: CO1242- BUSINESS REGULATORY FRAMEWORK**

No. of instructional hours per week: 4

No. of credits: 3

**Aim of the course:** To acquaint the students with the legal framework influencing business decisions and operations.



**Course objective:**

1. To provide a brief idea about the framework of Indian business Laws
2. To enable the students to apply the provisions of business laws in business activities

Module 1: Introduction to law- Meaning of law- definition of law – importance of law- branches of law –sources of law- mercantile law- importance- sources- other business regulations – statutory and professional- objectives(basic study only) (4 hrs)

Module 2: Law of contracts- The Indian Contract Act 1872- definition of contract – law of contracts- nature of contracts- classification- essential elements of a contract- offer and acceptance – considerations- capacity of parties- coercion- undue influence, fraud, mistake, misrepresentation, free consent legality of object and considerations- performance of contract- discharge of contract- breach of contract- remedies for breach of contract. (25 hrs)

Module 3: Special contracts- Bailment and pledge- bailment definition- essential elements- rights and duties of bailer and bailee – finder of lost goods. Pledge - essentials- rights and duties of Pawner and Pawnee. Indemnity and guarantee- indemnity –definition- nature of liability of surety, rights of surety, discharge of surety. Meaning and definition of guarantee. Law of agency – essentials, kinds of agents- rights and duties agent and principal - creation of agency, termination of agency contract.(15 hrs)

Module 4: Sale of Goods Act 1930-meaning of contract of sale- formation of contract of sale – Goods and their classification- condition and warranties- transfer of property in goods- performance of contract of sale- unpaid seller and his rights. (8 hrs)

Module 5: Regulatory authorities - salient features and functions, IRDA, TRAI, Intellectual Property Rights - meaning – patent rights- trademarks- copy rights-plagiarism. Right to Information Act, 2005- objects of the Act- information to be disclosed by public authorities- exemption from disclosure of information- request for obtaining information- Central Information Commission- State Information Commission- powers and functions of Information Commission. (20 hrs)

**Recommended Practical**

- 1) Prepare model of a (a) Power of Attorney Contract (b) Indemnity Bond (c) Contract of Guarantee
- 2) Collect newspaper cuttings relating to Right to Information Act, TRAI and Intellectual Property Rights, with special focus on recent legal judgments.
- 3) Prepare a Model RTI Application for obtaining information under the Right to Information Act.

**Books Recommended**

1. Kapoor. N .D, *Business law*, Sultan Chand and Sons
2. Chandha P.R, *Business law* jagotia, New Delhi
3. Garg K.C, V.K Surendran, Mahesh Sharma and Chawla R.C, *Business regulatory frame work*, Kalyani Publishers, New Delhi
4. Tulsian P.C, *Business Laws*, Tata McGraw-Hill publishing Co.Ltd, New Delhi
5. B S Moshal, *Modern Business law*, Ane books, New Delhi
6. Awathar Singh, *Company Law*, Eastern Law Books
7. BARE Acts: *Contract Act, Sale of Goods Act, RTI Act 2005* IRDA, TRAI

**Complementary Course II: CO 1231 - BUSINESS MATHEMATICS**

No. of instructional hours per week: 4

No. of Credits: 3

**Aim of the Study:** To enable students to acquire knowledge in applying basic mathematical tools in practical business decisions.

**Objectives:**

1. To familiarise the students with the basic mathematical tools.
2. To impart skills in applying mathematical tools in business practice

**Module1:-** Number sense:- fractions and mixed numbers and their operations, percentage, comparing and ordering fractions and decimals, changing from decimals to percentage and decimals to fractions, calculating and converting percentages, fractions and decimals, unit conversions, order of operations in Mathematics, bar diagram and pie diagram, interpreting graphical representations. Permutations and Combinations (an overview).(12 hours)

**Module 2:** Matrix: - Matrices– Matrix operations ( addition, subtraction, constant multiplication and multiplication)- Determinants-Minors and cofactors-ad joint -Inverse of a Matrix, solving linear equation with matrix using Cramer’s Rule and Inverse- Set theory: definition-Null set- Subset-Power set-Equal set-Union, Intersection etc. (15 hours)

**Module 3:** - Basic Algebra: Linear equation- simultaneous linear equations, extrapolation & interpolation with line graphs.Quadratic equations, quadratic equation by factoring, polynomial problems.Calculus: Concept and rules of differentiation-Partial Differentiation- Integration – Standard equations (Simple Problems only) (18 hours)

**Module 4:** - Mathematical application in business: -Depreciation- methods of depreciation, partial year depreciation and changes in estimates, accelerated depreciation methods. Payroll cost calculations, Property tax calculations, exchange rates and currency conversion. (12 hours)

**Module 5:** - Mathematics for Financial Analysis: - Present and Future Value: Calculating the time value of money; Value of an Annuity and Present value of an annuity; pricing cost: markup and break-even pricing; financial ratio-calculation and analysis; dividend and interest calculation on investments. (15 hours)

Reference Books:

1. *Mathematics for Economics and Finance*: Martin Anthony, Norman Biggs, Cambridge lowprice editions, 2000.
2. *Business Mathematics*: D.C. Sancheti, V.K. Kapoor, Sultan Chand & Sons Publications, 2006.
3. *Business Mathematics*, J.K. Singh, Himalaya Publishing House.
4. *Mathematics for Business and Economics*: J.D. Gupta, P.K. Gupta, Man Mohan, Tata McGrawHill Publishing Company Ltd.
5. *Mathematics of Finance*:2<sup>nd</sup> Edition Schaum’s Outline Series Peter Zima, Robert Browns Tata McGrawHill Publishing Company Ltd
6. *Business Mathematics*: Dr. AmarnathDikshit& Dr. Jinendra Kumar Jain.
7. *Business Mathematics*: Bari – New Literature publishing company, Mumbai
8. *Mathematics for Economics and Business*: RS Bhardwaj, 2010,Excel Books
- 9.*Business Mathematics*:Zameerudin, Qazi, V.K. Khanna & S.K. Bhambri, Vikas Publishing House Pvt. Ltd, New Delhi.

**SEMESTER III**  
**CORE COURSE V: CO 1341-ENTREPRENEURSHIP DEVELOPMENT**

No of instructional hours per week: 4

No. of credits: 3

**Aim of the Course:** To equip the students to have a practical insight for becoming an entrepreneur

**Course Objectives:**

1. To familiarize the students with the latest programmes of Government in promoting small and medium industries.
2. To impart knowledge regarding starting of new ventures.

**Module I:**Entrepreneurial Competencies:- Entrepreneurship - concept-Entrepreneurship as a career-Entrepreneurial Personality-characteristics of a successful entrepreneur- qualities and skills of successful entrepreneur-classification of entrepreneur-Entrepreneurial Functions-factors affecting entrepreneurial growth- women entrepreneurs- problems. (12 Hrs)

**Module II:**Entrepreneurial Environment: - Business Environment-Role of family and Society-Entrepreneurship Development - Training and other Support Organizational Services- phases of EDP -Central and State Govt Industrial Policies and Regulations-MSME Act 2006.(15 hrs)

**Module III:**Business Plan And Feasibility Study: - Sources of Project Idea-Feasibility Study-Criteria for Selection of Project-techniques for Project appraisal-preparation of Feasibility Report- Profile Preparation -matching Entrepreneur with the Project-Feasibility Report Preparation and Evaluation Criteria-factors affecting Project Development. (15 hrs)

**Module IV:**Project Report Preparation: - Project Report-Requirements of a good report- General Principles of a Good Report-Performa of a Project Report (15 hrs)

**Module V:**Launching of Small Business: - Finance and Human Resource Mobilization- Operations Planning-Market and Channel Selection-Growth Strategies-Product Launching-Incubation, Venture Capital, startups-Techno parks-Industrial Estates-Incentives-Institutional Support Subsidies-DIC-SIDBI-SISI-KVIC-NIESBUD-Singlewindow - Margin Money-Seed Capital-Registration- Industrial Sickness - Causes and Prevention - Rehabilitation - Effective Management of Small Business. (15 hrs)

**Recommended Practicals:**

1. Interview a local entrepreneur and acquire practical knowledge in starting business.
2. Visit any institution supporting entrepreneurship and prepare visit report.
3. Generate unique project ideas and prepare feasibility report.
4. Prepare a project report for establishing a new business.

**Books Recommended**

1. Vasanth Desai, *Small Business Entrepreneurship*, Himalaya Publications
2. Sangram Keshrai Mohanty, *Fundamentals of Entrepreneurship*, PHI, New Delhi.
3. Sontakki C N, *Project Management*, Kalyani Publishers, Ludhiana.
4. MSME Act 2006
5. Peter F. Drucker- *Innovation and Entrepreneurship*

6. Nandan H. *Fundamentals of Entrepreneurship*, PHI, New Delhi  
 7. Shukla M. B. *Entrepreneurship and small Business Management*, Kitab Mahal Allahabad  
 8. Sangam Keshrai Mohanty. *Fundamentals of Entrepreneurship*, PHI, New Delhi.

### **Core Course VI: CO 1342 - ADVANCED FINANCIAL ACCOUNTING**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To equip the students with the preparation of accounts of various business areas.

#### **Course Objectives**

1. To create awareness of accounts related to dissolution of partnership firms.
2. To acquaint students with the system of accounting for different branches and departments.
3. To enable students to prepare accounts of consignments.

**Module 1:** Partnership Accounts – Introduction- features- Dissolution of Partnership Firm- preparation of Realisation Accounts and Capital Accounts- insolvency of a partner- application of the decision in Garner vs. Murray- insolvency of all partners – Piece - meal Distribution- Dissolution of Limited Liability Partnerships. (20 hrs)

**Module 2:** Accounting for consignment- meaning – terms- used in consignment accounting – difference between consignment and sales. Accounting treatment in the books of the consignor and consignee- cost price method and invoice price method – valuation and treatment of unsold stock- loss of stock- normal and abnormal- loss in transit. (20 hrs)

**Module 3:** Joint venture: Meaning- features- difference between joint venture and partnership – joint venture and consignment- Accounting treatment when one of the ventures is appointed to manage the venture- When separate set of books are not maintained for recording joint venture transaction- when separate set of books are kept for the venture – when memorandum method is followed. (15 hrs)

**Module 4:** Branch Accounts- meaning, features and types of branch accounting- accounting for the branches not keeping full system of accounts- Debtors system, Stock and Debtors system, final accounts – wholesale branch- accounting for branches keeping full system of accounts- adjustment for depreciation of fixed assets, expenses met by Head office for the branch and reconciliation- incorporation of branch Trial Balance in the Head Office books. (20 hrs)

**Module 5:** Departmental Accounting- meaning - features- advantages- objectives- methods of departmental accounts- allocation and apportionment of departmental expenses- difference between departmental accounts and branch accounts- inter departmental transfers- preparation of departmental trading and profit and loss account. (15 hrs)

**Structure for preparing question paper:** Theory 30% Problem 70%

#### **Recommended Practicals**

1. Visit some branches and identify their accounting methods.
2. Collect data from one or two partnership firms/ joint ventures on the accounting procedure adopted.

#### **Books Recommended:**

1. Gupta R.L. and Radhaswamy. M. *Advanced Accountancy*, Sultan Chand & Sons, New Delhi.
2. Shukla M.C.,Grewal T.S and Gupta S.C. *Advanced Accounts*, S. Chand & Co. Ltd., New Delhi.
3. Jain S.P. and Narang. K.L. *Advanced Accountancy*, Kalyani Publishers, New Delhi.
4. Naseem Ahmed, Nawab Ali Khan and Gupta M.L. *Fundamentals of Financial Accounting Theory and Practice*, Ane Books Pvt. Ltd., New Delhi.
5. Maheswari S.N. and Maheswari S.K. *Advanced Accountancy*, Vikas Publishing House, New Delhi.

### **Core Course VII CO 1343: COMPANY ADMINISTRATION**

No: of Instructional Hrs per week – 4

No: of credits: 3

Objectives:

1. *To familiarize the students about the salient provisions of Indian Companies Act 2013.*
2. *To acquaint the students with Management and Administration of Companies, Compliance requirements, investigation into the affairs of the company and Winding up procedure.*

**Module I:**Introduction to Company Law: - Definition. Types of Companies-Public Company-Private Company-One man Company-Government Company-Guarantee Company-Incorporation of companies-Memorandum of Association-Articles of Association-Table A and its contents. (15Hrs.)

**Module II:**Management and Administration:- Constitution of Board of Directors- - Appointment – functions and responsibilities of Board of Directors - Board Committees- Audit Committee--Board Meetings- General Body Meetings- Voting- Quorum- Minutes- Proxy- Resolutions—Special— Ordinary—By circulation— e-resolution. (15Hrs)

**Module II:**Disclosure and Transparency: - Annual return- Boards report- report on AGM- Promoters holdings- Interested directors- Related party disclosures- Online Filing of Documents- Directors' Identification Number. (15Hrs)

**Module IV:** Compliances, Governance and CSR – Key managerial Personnel – Secretarial Audit – Corporate Social Responsibility – Responsibilities and challenges of Company Secretary. (15Hrs)

**Module V:**Winding Up: -Voluntary Winding up- Winding Up by National Company Law Tribunal- Winding Up by Liquidators- Summary Procedure for Liquidation. (12 Hrs)

Recommended Practicals

- 1) Prepare Model Notice and Minutes for different types of Company Meetings:
  - a) Statutory Meeting
  - b) Annual General Meeting
  - c) Extra-ordinary General Meeting
- 2) Prepare a record compiling all the essential documents needed at various stages of the formation of a Public Limited Company

- 3) Visit a company in your locality for which CSR compliance is mandatory under requirements of the Companies Act, 2013. Collect details of their CSR Action Plans and CSR initiatives implemented by them and prepare a report.

#### References

1. *Indian Companies Act 2013*
2. *Elements of Company Law*- N.D. Kapoor, Sultan Chand and Sons, New Delhi
3. *The Company Law*- Avatar Singh
4. *Company Law*- Majumdar.
5. Kuchal M C, *Secretarial Practice*, Vikas Publications, New Delhi.

### **Elective Course I: Stream 1 – Finance** **CO 1361.1 - FINANCIAL MANAGEMENT**

No. of instructional hours per week:5  
credits: 4

No. of

**Aim of the course:** To provide conceptual and analytical insights to make financial decisions skill fully.

#### **Course objectives:**

1. To familiarise the students with the conceptual framework of financial management.
2. To enable the students to understand the practical application of financial management.

**Module I:** - Financial Management– Meaning, Scope, importance – objectives -Key decisions of Financial Management. (10hrs)

**Module II:** - Cost of capital – cost of debt – cost of preference capital – cost of equity – cost of retained earnings – composite cost of capital. (15 Hrs)

**Module III:** - Financing Decision –Sources of Finance (Brief Study only) - Capital structure – meaning, designing capital structure, Optimal Capital Structure, factors determining capital structure –Capital Structure Theories – Net Income Approach, NOI, MM and Traditional –capital gearing – types of Leverage - operating leverage, financial leverage, combined Leverage. (25hrs)

**Module IV:** - Investment and Dividend Decisions– Investment Decisions – meaning, significance, techniques of investment decisions- Capital Budgeting (Theory Only) - Dividend policy – Forms of Dividend- Types of Dividend Policies - Factors determining dividend – Theories of Dividend Policies –Walter’s Model, Gordon and MM -.Stock Splits – Stock repurchase. (20hrs)

**Module V:** - Management of Working Capital – Meaning, Concept, types, determinants – Estimation ofworking capital requirements – Working Capital Cycle - Management of Cash – Receivables management- Inventory management. (20hrs)

**Recommended structure for preparing question papers for ESE: Theory 60% Problems 40%**

#### **Recommended Practical**

1. Collect the published financial reports of some companies and identify the capital structure, financial structure and capitalization of each company.

2. From the above reports identify the different sources of finance used by each company.
3. Collect the newspaper cuttings related to companies' dividend policies, dividend decision etc.
4. Illustrate the industry wise working capital cycle of various companies.
5. Identify the modern cash and inventory management techniques used by companies.

**Books Recommended:**

1. Shashi. K. Gupta and Sharma R.K. *Financial Management*, Kalyani Publishers, New Delhi.
2. Pandey. I.M. *Financial Management*, Vikas Publishing House, New Delhi.
3. Prasanna Chandra. *Financial Management*, Tata McGraw-Hill Publishing Co. Ltd. New Delhi.
4. Khan. M.Y and Jain. P.K. *Financial Management: Text and Problems*, Tata McGraw-Hill Co. Ltd., New Delhi.
5. Srivastava. R.M. *Financial Management*, Pragati Prakashan, Meerut.
6. Bhabatosh Banarjee. *Fundamentals of Financial Management*, PHI, New Delhi.
7. James C Van Horne. *Fundamentals of Financial Management*, PHI, New Delhi.
8. Preeti Singh. *Fundamentals of Financial Management*, Ane Books Pvt. Ltd. New Delhi.
9. Kulshrestia. R.S. *Financial Management*, Sahitya Bhawan Publications, Agra.
10. Sharan. V. *Fundamentals of Financial Management*, Pearson Education
11. Viswanath. S.R. *Financial Management*, Sage Publications, New Delhi

**Elective Course I: Stream 2 - Co-operation  
CO 1361.2 - PRINCIPLES OF CO-OPERATION**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To give knowledge about the development of co-operative movement in India and abroad.

**Course objectives:** To inculcate the principles of co-operation among the students. To acquaint the students with the management and working of co-operatives.

**Module I:** Origin and Development of Co-operation – meaning – definition – features – importance – objectives – benefits - different aspects of co-operation- economic, social and moral. (10hrs)

**Module II:** Co-operation and other economic systems – capitalism, socialism and communism - co-operatives and other forms of business organizations– distinctive features of a co-operative organization vis-a-vis, partnership and joint stock companies- A co-operative as an institution and as an enterprise – Co-operative Common Wealth. (15hrs)

**Module III:** Evolution and development of co-operative principles – principles of co-operation- Rochdale pioneers (I stage)- reformulated principles by ICA (II stage)- Karve Committee on Cooperative principles (III stage)- Principles of ICA in 1995 (IV stage)- distinction between Cooperative values and Cooperative principles (15 hrs)

**Module IV:** Types of Co-operatives in India and in Kerala (i) Short term and medium term co-operative credit structure- primary agricultural credit societies, Urban Co-operative Banks, employees credit societies- District Co- operative Banks and State Co-operative Banks. (ii) Long term credit structure- PCARDBs and SCARDBs. (iii) General purpose and special purpose agricultural marketing societies- primary marketing societies and their federations including NAFED, rubber marketing societies and their federations, dairy co-operative societies and their federations, fishery co-operatives and their federations (iv) Processing co-operatives- need and Importance (v)

Housing co-operatives and their federations (vi) Consumer co-operatives and their federations (vii) Industrial co-operatives and their federations- handlooms and power looms, coir, handicrafts (viii) Workers co-operatives- significance of workers co-operatives in Kerala. (35hrs)

**Module V:** Co-operative movement in foreign countries – Great Britain (Consumer) Germany (agricultural credit), Denmark (diary), China (induscos), Japan (multipurpose), USA (marketing) (a brief study) (15 hrs)

**Recommended Practical**

1. Prepare a list of various types of co - operatives functioning in any place and show in a table.
2. Identify the major differences in the activities of various types of cooperatives functioning in a particular region.

**Books Recommended:**

1. Hajela T.N. *Co-operation Principles, Problems and Practices*, Konark Publishers, New Delhi
2. Mathur B.S. *Co-operation in India*, Sahitya Bhawan Publications, Agra.
3. Umesh Patnaik and Ananta K. Roy. *Co-operations and Co-operative Management*, Kalyani Publishers, New Delhi.
4. Bedi R.D. *Theory, History and Practice of Co-operation*, B. Lal Book Depot, Meerut.
5. Krishnaswami O.R. *Fundamentals of Co-operation*, S.Chand & Co. Ltd., New Delhi.
6. Krishnaswami O.R. et.al. *Co-operation Concept and Theory*, Arudra Academy, Coimbatore.
7. National Co-operative Union of India. *Hundred years of co-operative Development in India*.
8. Seetharaman S.P. and Shingi P.M. *Agribusiness Co-operatives*, Oxford & IBH Publishing Co. New Delhi.
9. Rajagopalan (ed) *Rediscovering Co-operation, Vol. I, II & III*, IRM Anand, Gujarat.

**Elective Course I: Stream 3: Travel and Tourism**  
**CO 1361.3 TOURISM: PRINCIPLES AND PRACTICES**

No of instructional hours: 5

No. of Credits : 4

**Aim of Course:** To familiarize students with the basic concepts of tourism and the impact of tourism.

**Course Objectives:**

1. To introduce the basic concepts of tourism
2. To give an insight into the impact of tourism.
3. To create an awareness about the role of various organizations of tourism in tourism promotion.

**Module I:** Tourism: Concepts-Definitions - Historical development of tourism. Distinction between Tourist-Traveler-Visitor-Excursionist. Types and Forms of Tourism; Tourism system: Nature - characteristics. Components of tourism and its characteristics. Silk route, pilgrimage – transition to modern tourism. (15 hrs)

**Module II:** Domestic and International tourism: Domestic tourism: features, pattern of growth, profile. International tourism: Generating and Destination regions. Pattern of growth and Profile. Concepts of multiplier and trickle down effect – futuristic trends. (15 hrs)

**Module III:** Tourism Demand and Supply: Introduction to Tourism Demand; Determinants of tourism demand; Motivation and tourism demand; Measuring tourism demand. Tourism Statistics (National and International). Reasons for high demand of tourism products in certain countries. Importance and problems of tourism measurement – volume, value and characteristics (20 hrs)



**Module IV:** Tourism Impact: Positive and Negative Impact of Tourism; Socio - Cultural, Economic, Environmental and Political -Trends in tourism- e tourism, virtual tourism, sustainable tourism, responsible tourism, accessible tourism, event tourism, MICE Tourism (20 hrs)

**Module V:** Status of Tourism in India. The Tourism Industry: Nature and characteristics, Components of Tourism Industry. Attractions, Transport, Accommodation, Shopping, Entertainment, Hospitality, Airlines, Travel agencies, Tourism declared as an Industry in India, consequences of Industry status. International Tourism Institutions and organizations, and their role in promoting international movement-UNWTO, WTTC, TAAI, IATO, IATA, ITC.(20 hrs)

### **Recommended Practicals**

1. Collection and interpretation of various tourism statistics.
2. Preparation of a list of various airline operators in various countries.
3. Collection of various pictures regarding positive and negative impact of tourism.

### **Books Recommended:**

1. Bhatia. *Tourism Development* (New Delhi, Sterling)
2. Seth: *Tourism Management* (New Delhi, Sterling)
3. Kaul: *Dynamics of Tourism* (New Delhi, Sterling)
4. Mill and Morrison – *The Tourism system an Introductory Text* (1992) Prentice Hall
5. Cooper, Fletcher, *Tourism, Principles and Practices* (1993) Pitman
6. Burkart and Medlik. *Tourism, Past, Present and Future* (1981) Heinemann, ELBS.
7. Gill P.S, *Dynamics of Tourism* (4 Vols) Anmol Publication.
8. Sinha P.C, *Tourism Management*. Anmol Publication.
9. Sinha .P.C., *Tourism Evolution Scope Nature & Organization*. Anmol Publication.

## **Elective Course I: Stream 4 - Insurance and Banking CO 1361.4 - PRINCIPLES AND PRACTICE OF LIFE INSURANCE**

No. of instructional hours per week:5  
credits : 4

No. of

Aim of the course: To provide an understanding of the life insurance business and its operation in India.

Course objectives:

1. To expose students to an overview of the working of life insurance business.
2. To impart to students relevant skills for handling major functions of life insurance business.

**Module I:** Introduction – Definition and nature of insurance – evolution of insurance – role and importance of insurance – insurance contract – principles of insurance- insurance and assurance- types of insurance- life, general. (15 hrs)

**Module II:** Life Insurance Organisation – The Indian context, the distribution system, functions of agents, appointment and continuance, remuneration to agents, trends in life insurance distribution channels. Plans of Life Insurance – Need level, Term Life Insurance, Increasing / Decreasing Term Policy, Whole Life Insurance, Endowment Insurance, Money Back Endowment Plan, Marriage Endowment Plan, Educational Annuity Plan, Children Deferred Assurance Plans, Annuities. (20Hrs)

**Module III:** Policy Conditions – Application and acceptance – prospectus, proposal forms and other related documents, age proof, special reports. Policy document-need and format-preamble, operative clauses, proviso, schedule, attestation, conditions & privileges, alteration, duplicate policy.(20hrs)

**Module IV:** Premium, premium calculation, days of grace, non –forfeiture options, lapse and revival schemes. Assignment –Nomination- Loans – surrenders – foreclosure – Married Women’s Property Act, Policy, calculations. (15hrs)

**Module V:** Policy Claims - Maturity claims, survival benefit payments, death claims, waiver of evidence of title, early claims, claim concession, presumption of death, accident benefit and disability benefit – settlement options, valuations and bonus, distribution of surplus(20hrs)

### **Recommended Practicals**

Visit some institutions doing Life Insurance business and collect data on the types of Policies, types of claims, methods of premium calculation etc.

### **Books Recommended:**

1. Mishra M.N. *Insurance Principles and Practice*, Sultan Chand & Sons, New Delhi.
2. Mathew M.J. *Insurance Principles and Practice*, RBSA Publishers, Jaipur.
3. Gupta O.S. *Life Insurance*, Frank Brothers, New Delhi.
4. Vinayakam N, Radhaswamy and Vasudevan S.V. *Insurance – Principles and Practice*, Sultan Chand & Sons, New Delhi.
5. Mishra M.N. *Life Insurance Corporation of India, Vol. I, II, & III*, Raj Books, Jaipur.
- 7 Srinivasan M.N. *Principles of Insurance Law*, Ramanuj Publications, Bahgalore.
8. Sharma R.S. *Insurance Principles and Practice*, Vora, Mumbai.
9. Balachandran S. *Life Insurance*, Insurance Institute of India, Mumbai.
10. Dinsdale M.A. *Elements of Insurance*, Pitman, London.
11. *Life Insurance Corporation Act, 1956*.

## **Elective Course I: Stream 5 -Computer Application CO 1361.5 - COMPUTER APPLICATION FOR PUBLICATIONS**

No. of instructional hours per week: 5 (1 hour theory and 4 hrs practical) No. of credits: 4

**Aim of the study:** To update and expand skills in electronic data processing and computer application in business operations.

### **Course objectives:**

1. To give functional knowledge in the field of free software.
2. To develop practical skills in document preparation, publishing and business presentation.

**Module I:** Free software - meaning uses advantages. LaTeX Introduction – Basic commands of LaTeX, Page Creation, Header-Footer Settings, Exporting, Graph Setting, Picture management, Photo Enlargement etc.(25hrs)

**Module II:** Word processing - Opening Microsoft Word, Word Adjusting, adding or deleting text, selecting blocks of text, copying text, moving text, search and replace, Saving, editing and designing a document, character formatting and

style, page formatting – headers, footers, page numbers, bullets, margin settings and column, justifying of text, line spacing, tab settings, automating tasks, creating tables – entering text into tables, inserting rows and columns in the table, deleting a row and column from the table formatting the text in the table. (10hrs)

**Module III:** Advanced uses of MS Word - Mail Merge – creating the main document, creating a mail merge document, modifying the records in the data source, merging the main document with the data, sending the merged document to the printer. Creating documents using templates - Adding and removing digital signatures in documents (15hrs)

**Module IV:** Adobe InDesign – creation and opening, working, setting defaults and preferences, viewing pages, using toolbox, working with text and graphics, moving between pages, adding and deleting pages, naming and saving a file. (20 Hrs)

**Module V:** Microsoft PowerPoint - Introduction, creating presentations – using auto content wizard, using templates, using blank presentation, formatting background, adding sounds, slide show, slide sorter, setting animation, slide transition, setting intervals, saving and printing, presentations, adding and playing audio clips in presentations, creating hyperlinks in presentations, converting the presentations into a video clip (an overview only) (20 hrs.)

### **Recommended Practical**

1. Latex – creation of documents, picture creation, graphics, photo enlargement etc.
2. Word Processing – creation, editing, formatting and printing of documents (orders, memos, circulars and other formal and informal documents); creation of tables and editing of tables; inserting of images; diagrams and audio clips; mail merge, adding digital signatures in documents
3. Creating presentations with proper animation and slide transition with hyperlinks (add proper sounds and images in the slides).
4. Creation and designing Pages in Adobe InDesign

### **Books Recommended:**

1. Cox et.al, 2007. *MS Office step by step*, PHI, New Delhi.
2. George Gratzer *First steps in LaTeX*
3. Stefan Kottwitz. *LaTeX Beginner's Guide*
4. George Gratzer *Practical LaTeX*
5. Michael, *Adobe InDesign Styles: How to create better, faster, Text and Layouts*
6. Pariah S Burke, *Mastering InDesign CS5 for Print Design and Production*

## **Complementary Course III: CO 1331 - E-Business**

No of instructional Hours per week: 4

No. of credits: 3

Aim of the Course: To expose the students to e- business and its potentialities.

Course Objectives

1. To provide students a clear-cut idea of e-commerce and e-business and their types and models.
2. To acquaint students with some innovative e-business systems.
3. To impart knowledge on the basics of starting online business.

Module 1: E-Business - meaning- Types - Models – benefits and limitations of e-Business, E-Commerce – Models – e business vs. ecommerce, internet marketing and e-Tailing, E-Marketplace – types and features, E- Auction – types. (18Hours)

Module 2: E-business Systems (basic concept only)

Integration of e-business suits – ERP, e-SCM, CRM, e-procurement, e-payment.

(12 hours)

Module 3: e-Business Application

E-Tourism, online employment and job market, online real estate, online publishing and e-books, online banking and personal finance, e-grocers, e-shopping, online delivery of digital products, entertainment and media. E-learning and online education (14 hours)

Module 4: E-Governance Meaning, Definition, Models – G2G, G2B, G2C. ICT & E- Governance, Benefits and risks of E-Governance. Successful e-governance initiatives in Kerala and other Indian states. E-citizen, E-service – e-filing, E-society.(18 hours)

Module 5: Launching a successful online Business and EC projects -Requirements, funding options, processes, techniques, and website design (theory only).(10 hours)

### Reference books

1. *Electronic Commerce: A Managerial Perspective*, Turban, E. et al., Prentice Hall
2. *Electronic Business and Electronic Commerce Management*, Dave Chaffey, Prentice Hall
3. *E-learning Tools and Technologies*: Horton and Horton, Wiley Publishing
4. *Electronic Commerce*, Bharat Bhaskar. Tata McGraw-Hill Publishing Co. Ltd., New Delhi.
5. *E-Governance*, Pankaj Sharma. APH Publishing Corporation, New Delhi
6. *E-Business Fundamentals*, Bansal S.K. APH Publishing Corporation, New Delhi.

## SEMESTER - IV

### Core Course VIII CO 1441 - INDIAN FINANCIAL MARKET

No. of instructional hours per week 4

No. of credits: 3

**Aim:** To provide an in-depth knowledge on Financial Market and its Operations

**Course Objectives:** To provide a clear-cut idea about the functioning of Indian Financial Market in general and Capital market operations in particular.

**Module 1:** Financial System in India- Financial System-meaning-components-Financial market – meaning – structure of financial market–Capital market - Meaning -Instruments-IDR,ADR,GDR– Classification – Primary and secondary – Structure – Industrial securities market – Govt. Securities market – Market for mortgages. Money market-meaning, instruments- features- present scenario.(12 hours)

**Module 2:** Primary Market - Methods of floatation of capital – Public issue – IPO – FPO - Procedure of public issue – Book building process – Fixed price issue Vs Book building- Green shoe-option-ASBA – Private placement- Role of intermediaries -present scenario (10 hours)

**Module 3:** Secondary Market and Auxiliary institutions - Functions of stock exchange – Securities traded in the stock exchange –Dematerialization of securities – Major stock exchanges in India – BSE\_ NSE – Listing – Trading procedure – Online trading – Clearing and settlement – Rolling settlement – Investment Vs Speculation- types of speculators – Role of intermediaries- Unfair trade practices in the stockexchange – Membership in stock exchange - stock market indices-large,medium,small,sectorial – Price quotes, Effective return, Real return,Yield,YTM,Annualized return, EPS, PE Ratio and Market capitalization . Depositories- Rating agencies- Current scenario of Indian stock market - (25 hours)

**Module 4:** – Derivatives - Meaning - Types of derivatives – Commodity vs financial derivatives- Forwards – Futures – Options – SWAPS- Trading mechanism (15 hours)

**Module 5:** – Regulatory framework of financial market- Securities Contract (Regulation) Act (Basics only) - Role and functions of SEBI – regulatory functions – developmental functions – Investor protection fund – purpose – operation, FEMA(relevant provisions only) (10hours)

### **Recommended practical**

1. Collect and compile the data of capital raised by the Indian companies from the primary market during the last three years, document the related papers of any one of the company and present the relevant details in a table format
2. Compile and compare Nifty/Sensex for last two years with any one of the constituent stock on monthly average price basis, find out standard deviation or variance and plot it on a graph.

### **Books Recommended:**

1. Khan M.Y. Indian Financial System Tata McGraw Hill Publishing Co. Ltd., New Delhi
2. Dr S Guruswamy, *Merchant Banking and Financial services*, Tata McGraw-Hill Publishing Co.Ltd.New Delhi.
3. PreethiSingh .*Dynamics of Indian Financial System*, Ane Books Pvt. Ltd., New Delhi.
4. Sojikumar.K and Alex Mathew .*Indian Financial System and Markets*, Tata McGraw-Hill Publishing Co.Ltd., New Delhi.
5. Kevin S .*Security Analysis and Portfolio Management* ,PHI, New Delhi
6. Bharathi V. Pathak .*Indian Financial System* , Pearson Education,Noida.
7. Gupta S. L. Financial derivatives Theory, Concepts and Problems, Prentice hall of indiaPvt.Ltd.

## **Core Course IX:CO1442 BANKING AND INSURANCE**

Number of instructional hours per week: 4Number of Credits: 3

**Aim of the course:**To expose the students to the changing scenario of Indian banking and Insurance.

### **Course objectives:**

1. To provide a basic knowledge about the theory and practice of banking
2. To provide a basic understanding of Insurance business.
3. To familiarize the students with the changing scenario of Indian Banking and Insurance.

**Module I:** Banking- functions -Liquidity management- credit creation- Banking and non- banking functions- CORE bank solutions- Retail bank product and services-Mergers in banking- Central bank system-Central banks in different countries - Role of RBI- General policies of RBI. (15hrs)

**Module II:** Banking Practice: Banker – customer – Definition as per Banking Regulation- – Relationship between banker and customer – General and special relationship – Negotiable instruments – differences between transferability and negotiability- Asset liability management- opening and operation of accounts by special types of customers – minor, married woman, firms, company. (20 hrs)

**Module III:** Innovations and Reforms in Banking:– E-banking - ECS - EFT – RTGS-NEFT-SWIFT- Unified payment interface -Mobile Banking – Shift from plastic money - Apps based banking - Internet banking- Digital banking-, virtual banking- small banking- Post office banking- green banking- Recovery of Debts due to Banks and Financial Institutions Act, 1993 (DRT Act), SARFAESI, Payment & Settlements Act, 2007, Banking Ombudsman. Basel reforms- Capital adequacy norms- NPA management- Demonetization.(20 hrs)

**Module IV:** Introduction to Insurance: Meaning of risk-Classification of risk-features of insurable risk-Meaning and functions of Insurance-Importance of Insurance - classification of insurance business in India-Life – General - fire, accident, asset, medical, home, commercial travel, rural, and marine -Underwriting-meaning-procedure of life Insurance and Non-Life Insurance-Insurance premium-Insurance documents.(20 hrs)

**Module V:** Insurance Claims and regulations-Meaning-Importance-types of claims-Procedure of settlement of Life Insurance claims and Non-Life Insurance claim-Privatization of insurance industry-FDI in insurance – Bancassurance - IRDA regulations (15 hrs)

### **Recommended Practical**

1. Collect application forms for opening Account in banks and make a presentation in class.
2. Study the Internet banking and,Mobile banking procedure and document it.
3. Collect cheques with different types of crossing and examine the differences.
4. Collect model Insurance Policy documents- Life/ Generaland identify different conditions and implications.

### **Books Recommended:**

1. Sundaram K.P.M and Varshney P.N. *Banking Theory Law and Practice*, Sultan Chand & Sons, New Delhi.
2. MaheswariS.N .*Banking Theory Law and Practice*, Kalyani Publishers New Delhi.
3. Sekhar K.C. *Banking Theory Law and Practice*, Vikas Publishing House, New Delhi.
4. Gordon E. and Natarajan K. *Banking Theory Law and Practice*, Himalaya Publishing House, Mumbai.
5. Lall Nigam B.M. *Banking Law and Practice*, Konark Publishers Pvt. Ltd., New Delhi.
6. Radhaswami M. *Practical Banking*, Sultan Chand & Sons, New Delhi.
7. Dekock .*Central Banking*, Crosby Lockwood Staples, London.
8. O P Agarwal,*Principles and practice of insurance*.
9. M N Mishra, and S B Mishra :*Insurance Principles and Practice*, , S. Chand Publishers.

## **Core Course X: CO 1443 - CORPORATE ACCOUNTING**

No of instructional hours per week: 5

No of credits: 4

**Aim of the course:** To expose the students to the accounting practices prevailing in corporate.

**Course Objectives:**

1. To create awareness about corporate accounting in conformity with the provisions of Companies Act, IAS and IFRS.
2. To help the students in preparation of accounts of banking and insurance companies.
3. To enable the students to prepare and interpret financial statements of joint stock companies.

**Module I:** Accounting standards-Relevance of Accounting Standards in preparation and presentation of final accounts– Indian GAAP and Global Accounting Standards-Convergence with IFRS.(10hrs)

**Module II:** Final Accounts of Companies – company statutory records – preparation of final accounts according to revised schedule III- Form and contents of Balance Sheet (Vertical form with notes), Profit and Loss account (Vertical form with notes) – Profits prior to incorporation (20 Hrs)

**Module III:** Accounts of Banking and Insurance Companies –Accounts of Banking Companies-Preparation of financial statements - Statutory forms. Accounts of Insurance Companies - Life and General Insurance – Preparation of Final Accounts – Determination of profit in Life Insurance Business.(30hrs)

**Module IV:** Internal Reconstruction – Reorganization of capital – consolidation and sub- division of share capital – post reconstruction Balance Sheet.(15hrs)

**Module V:** Interpretation of Financial Statements –Familiarity with AS 20 –objectives, scope, definition, presentation, measurement –Basic EPS –Diluted EPS –Diluted Potential Equity Shares – Disclosure –EBIT –EPS Analysis. (15hrs)

**Recommended structure for preparing question paper:** Theory 30% Problems 70%

**Recommended Practical**

1. Create awareness on maintenance of accounts of companies on the basis of live annual reports of companies
2. Preparation of assignments on maintenance of accounts of banks and insurance companies on the basis of visit to branches, wherever available.

**Books recommended:**

1. Jain S.P and Narang K.L. *Corporate Accounting*, Kalyani Publishers, New Delhi.
2. Maheswari S.N. and Maheswari S.K. *Corporate Accounting*, Vikas Publishing House, New Delhi.
3. Pillai R.S N, Bhagavathi and Uma S. *Fundamentals of Advanced Accounting*, S Chand & Co. Ltd., New Delhi.
4. Shukla M C, Grewal T.S. and Gupta S.C. *Advanced Accounts* S.Chand & Co. Ltd., New Delhi.
5. Paul. K.R. *Accountancy*, New Central Book Agency Pvt. Ltd. Kolkata.
6. Mukherjee A. and Hanif M. *Corporate Accounting*, Tata McGraw-Hill Publishing Co.Ltd., New Delhi.
7. Nirmal Gupta and Chhavi Sharma. *Corporate Accounting Theory and Practice*, Ane Books India, New Delhi.

**Elective Course II: Stream I-FINANCE**

## CO1461.1- PROJECT FINANCE

No. of instructional Hours per week: 5

No of credits: 4

**Aim-** To provide an understanding of the process and issues relating to project preparation, appraisal, administration, review and monitoring of projects.

### **Course Objectives:**

- 1.To familiarise the students with the types of project appraisal, risk analysis, project financing costing and valuing;
- 2.To provide an overview of global project appraisal issues.

**Module 1:** Project Finance - Concept - Overview of project finance, project life cycle and its impact on the feasibility – Project identification and formulation – Different types of projects under BMRED (Balancing, Modernization, Replacement, Expansion and Diversification) – Considerations involved in decision under each of these types – Macro parameters in project selection – Different considerations for project under private, public and joint sectors – Project formulation: preparation of project profile, project report – Broad criteria for pre-investment decisions. (15hrs)

**Module 2:** Project appraisal - Different types of appraisal – Technical, economic, organizational and managerial, commercial and financial – Financial techniques for project appraisal and feasibility – discounted cash flow and non-discounted cash flow methods – Social cost benefit analysis and economic rate of return – Non-financial justification of project appraisal. (15 hrs)

**Module 3:** Project Risk Analysis - Risk Analysis in Capital Investment Decisions –Concept of Risk – Types of Risk – Measurement of Risk – Method of Incorporating Risk into Capital Budgeting – Monte Carlo Simulation – Deal structuring through risk identification, assessment and mitigation – Managing Project Risks. (20 hrs)

**Module 4:** Project Financing - Pattern of financing – Sources of finance –conventional and alternative finance - Impact of taxation – Public loans – Foreign aid – Public sector project financing – Role of tax planning in project financing –Loan Syndication – Various debt instruments and innovative Structures – Equator principles – securitizing project loans – PPP Models of Project Finance – PPP and CPPP models – Management Agreements – Leasing, DBO,BOT,BOO, Privatization – Infrastructure Project Financing (25 hrs)

**Module 5:** Global Projects– Issues - World Bank Project Reports - Project Initiation and Resource Allocation – Importance of Economic Allocation of Resources – Process of Resource Allocation at the Corporate Level, at Business Unit Level – Political and Currency Risk Analysis. (15 hrs)

### **Recommended Practicals**

1. Identify some business projects and classify them on the basis of their nature.
2. Develop a business Plan for a small scale project with imaginary figures and assess the economic feasibility.
3. Prepare a Project Report related to any business.
4. Visit some business units and collect data on the methods adopted for financing at different stages.

### **Books Recommended**

1. Finnerty, John D (2007), *Project Financing: Asset Based Financial Engineering*, 2nd Ed. John Wiley & Sons Inc.
2. Chandra, Prasanna (2006), *Projects: Planning, Analysis, Financing, Implementation, and Review*, 6th Ed., Tata McGraw Hill.
3. Nevitt, Peter K., Fabozzi, Frank J. (2000), *Project Financing*, 7th Ed. Euromoney Books.
4. Benjamin, C. (2003), *Modern Project Finance: A Casebook*, John Wiley & Sons, Inc. • 5. Grundy, Tony (2003), *Strategic Project Management*, 1st ed. PA (I) Pvt. Ltd.



## **Elective Course II: Stream 2 - Co-operation**

### **CO 1461.2 - CO-OPERATIVE MANAGEMENT AND ADMINISTRATION**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To provide knowledge about the system of management and administrative set up of co-operatives.

**Course objectives:**

1. To familiarise the students with the principles and practice of co-operative management and administration.
2. To enable the students to identify the issues in the process of management and administration of co-operatives.

**Module I:** Co-operative management – Nature and importance – managing members, dual role of members as users and owners of co-operative enterprise – democracy in co-operatives – managing the relationship between the Board of Directors and members – co-operative corporate governance- relation between member societies and their federations.(20hrs)

**Module II:** Issues in Co-operative management - Managing the social process in a co-operative -, competition, conflict and co-operation. Associative character of a co-operative and managing a co-operative association. Issues in organizing a co-operative – size of the organization – small area vs.large area, single purpose vs. multipurpose co-operatives - multipurpose vs multifunctional co-operatives – unitary vs. federal co-operatives – designer vs green house co-operatives – Issues in financing a co-operative – Evaluating a Co-operative organization – member dimension, enterprise dimension and ethical dimension. (20hrs)

**Module III:** Administrative set up of Co-operative Department in Kerala–state level-district level and Taluk level- powers and responsibilities of Co-operative department-conferment of powers of Registrar-functional Registrars in Kerala-need for separating administration from audit.(15 hrs)

**Module IV:** Co-operative Education and Training –Need and importance – arrangements for co-operative education and training in India and in Kerala – NCUI, NCCT, Kerala State Co-operative Union, Circle Co-operative Unions, Specialized Sectoral Training Institutes in Kerala. (15hrs)

**Module V:** Management and working of major Co-operative Organizations and Institutions – in-Aid of Co-operatives – NAFED, IFFCO, KRIBCO, NABARD, NDDDB, NCDC, NHB and other national organizations providing assistance to housing co-operatives. (20hrs)

**Recommended practical**

1. Visit 4-5 co- operatives in a particular place and identify the issues in financing.
2. Prepare a list of Co- operative Training Institutes of Kerala

**Books Recommended:**

1. Krishnaswami O.R. and Kulandaiswamy V. *Co-operation Concept and Theory*, Arudra Academy, Coimbatore.
2. Bedi R.D. *Theory, History and Practice of Co-operation*, B. Lal Book Depot, Meerut.
3. Rajagopalan R. (ed). *Rediscovering Co-operation, Vol I,II& III*, Institute of Rural Management Anand, Gujarat.
4. Seetharaman S.P. and Mohan N .*Framework for Studying Co-operative Organisation: The case of NAFED*, Oxford &

IBH Publishing Co., New Delhi.

5. Seetharaman S.P. and Shingi P.M. *Agribusiness Co-operatives*, Oxford & IBH Publishing Co., New Delhi.

6. Edgar Parnell *.Reinventing the Co-operative Enterprises for the 21<sup>st</sup>Century*, Plunkett Foundation, UK.

7. TusharSingh *.Catalysing Co-operation* , Sage Publications, New Delhi.

8. Attwood D.W. and BaviskarB.S *.Who Shares? – Co-operatives and Rural Development*, Oxford University Press, New Delhi.

### **Elective Course II: Stream 3: Travel and Tourism**

#### **CO 1461.3 TOURISM PRODUCTS**

**No of instructional hours: 5 hrs No of Credits: 4**

#### **Course Objectives**

1. To give a description about the natural products and manmade products
- 2.To give an insight into the natural resources of India

**Module 1:** Tourism Products - Definition - Tangible and Intangible products. Nature and characteristics of India's Tourism Products: Seasonality and Diversities. Heritage - Indigenous, Colonial, Handicrafts of India. Craft Meals. Fairs and Festivals of Social and Religious importance. (15 hrs)

**Module 2:** Classification of products - Natural Tourism products - Climate - Water Features, Beaches - Bird and wildlife sanctuaries - National parks - Sports - Winter and summer sports - Water Bases sports - Aero sports. Fairs and festivals – concepts, importance and their influence in tourism. (15 hrs)

**Module 3:** Historical and Socio- cultural tourism products - Art and architecture - Paintings - historical monuments - museums - Art galleries - Libraries - ancient literature - fairs and festivals - Folklore - music - dance - handicraft - sports and costumes - Indian and international cuisine. (20 hrs)

**Module 4:** Religious philosophies of Hinduism, Buddhism, Jainism, Christianity and Islam – Hindu -Sanskrit - philosophies of Saivism and Vaishnavism. (15 hrs)

**Module 5:** Adventure tourism – aerial adventure sports – parachuting, sky diving, hang gliding, Para sailing, bungee jumping – water adventure sports – white water rafting, white water kayaking, canoeing, water skiing, wind surfing, - land based – mountaineering, trekking, skiing, heli-skiing-hill stations of India,- beaches – beach tourism and island tourism. (25 hrs)

#### **Practicals:**

Collection of various pictures regarding adventure tourism, national parks and bird sanctuaries.

#### **Books Recommended:**

1. Douglas Pearce :*Tourism Today - A Geographical Analysis* - Longman Group Ltd.,
2. PranSeth :*Successful Tourism Management*, Sterling Publishers Pvt.,Ltd.,
3. Bhatia A.K: *Tourism Development. Principles and Practices*. Sterling Publishers Pvt.,Ltd

**Elective Course II: Stream 4 - Insurance and Banking**  
**CO 1461.4 - PRINCIPLES AND PRACTICE OF GENERAL INSURANCE**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To give knowledge of general insurance business and enable the students to understand the accounting practices of insurance companies.

**Course objectives:**

1. To make students familiar with the fundamental principles of General Insurance
2. To give awareness about the differences in the accounting practices of Life Insurance business and General Insurance business.

**Module I:** Insurance Legislation in India - Insurance Act 1938, Marine Insurance Act 1968, General Insurance Business (Nationalisation) Act, 1972, IRDA Act (a brief study) (15hrs)

**Module II:** Marine Insurance – Nature of Marine Insurance contract - marine insurance policies – policy conditions – premium calculation – marine losses - payment of claims. (15hrs)

**Module III:** Fire Insurance – Nature and use – fire insurance contract – kinds of policies – policy conditions – rate fixation in fire insurance – payment of claim - re –insurance. (20hrs)

**Module IV:** Miscellaneous insurance – motor insurance – burglary and personal accident insurance – Rural Insurance in India – Urban non – traditional insurance. (15 hrs)

**Module V:** Accounting and Finance – Accounting for insurance business – compliance with IRDA rules – Taxation. Investments – evaluation of investments – capital structure - cost of capital – solvency margin and compliance. Financial ratios – critical ratios and analysis, control system. Insurance company output and cost. Difference in Accounting Practices between Life and General Insurance – Reserve funds – investments – capital structure – solvency margin – deposits with Government (25Hrs)

**Recommended Practicals**

1. Prepare a list of various kinds of General insurance businesses in India.
2. Collect data on various types of policies of different kinds of General Insurance business.
3. Familiarize with the accounting practices of Life and General insurance business

**Books Recommended:**

1. Mishra M.N. *Insurance Principles and Practice*, Sultan Chand & Sons, New Delhi.
2. Mathew M.J. *Insurance Principles and Practice*, RBSA Publishers, Jaipur.
3. Arthur Williams.C, Jr., Michael L.Smith, Peter C Young. *Risk Management and Insurance*, McGraw Hill.
4. Vinayakam N, Radhaswamy and Vasudevan S.V. *Insurance – Principles and Practice*, Frank Brothers, New Delhi.
5. Sharma R.S. *Insurance Principles and Practice*, Vora, Mumbai.
6. Dinsdale M.A. *Elements of Insurance*, Pitman, London.
7. Balachandran S. *General Insurance*, Insurance Institute of India, Mumbai.
8. *Insurance Regulatory Development Act 1999 and other relevant Acts.*

**Elective Course III: Stream 5 - Computer Application**

## CO 1461.5 - SOFTWARE FOR DATA MANAGEMENT

No. of instructional hours per week: 5 (1 hour theory and 4 hours practical) No. of credits: 4

**Aim of the course:** To update and develop theoretical and technical expertise in applying software for data management.

**Course objectives:**

1. To familiarise the students with the basics of Software for data management.
2. To equip the students to meet the demands of the industry.
3. To develop practical skills in spread sheet application, statistical software and database application.

**Module I:** Open Source Softwares – Libre Office Calc, Basics. Basics of R (theory only) (10hrs)

**Module II:** Microsoft Excel - Excel user interface, starting with excel, working with cell and cell addresses, entering and editing data, finding and replacing data, selecting a range, moving, cutting, copying with paste, inserting and deleting cells, freezing cells, cell formatting options, adding, deleting and copying worksheet with in a workbook, renaming a worksheet, Cell reference – relative, absolute - Elements of excel charts – categories, create a chart, choosing chart type, edit chart axis, titles, labels, data series and legend, adding a text box, rotate text in a chart, converting a chart on a web page, saving a chart (10hrs)

**Module III:** Advanced uses of Microsoft Excel - Commonly used functions: – logical – AND, IF, NOT, OR, TRUE; Financial – DB, FV, IPMT, IRR, NPV, PMT, and PV; statistical –AVERAGE, COUNT, COUNTIF, MAX, MIN; mathematical – PRODUCT, SQRT, SUM, SUMIF - Pivot tables - Macros in excel creating, adding and editing of macros VBA programming in Excel (an overview) forms in excel. Introduction to VBA Programs(25 hrs.)

**Module IV:** Software Package in Social Sciences (SPSS)- Starting SPSS -Terminology –Case, Variables and levels- System missing and user-defined missing values -Identification numbers and case numbers- Procedure-Fundamental definitions- sample, descriptive statistics, nominal scales, ordinal scales, interval scales, ratio scales, quantitative data, categorical or frequency data. Dependent and Independent variables.Parametric and non-parametric data and tests (overview of few tests like chi-square test, ANOVA etc.)(25hrs)

**Module V:** Microsoft Access - Databases - creating a new database, creating tables, editing tables, entering data into a table, editing data in a table, relationship between tables - Creating a query; types of queries - Creating a report; types of reports, printing reports - Creating a simple form; modifying a form, adding control to a form, searching, sorting, Introduction to Software

development in Access using VBA Code  
(20hrs)

**Recommended Practical:**

1. Entering and editing data in Excel sheets, creating payroll, depreciation statements, loan schedule etc. using excel, financial analysis of a company using excel, create charts for presentations using excel. Excel forms
2. SPSS - basic skills to input data and taking statistical values like averages and prepare cross tabs and creating charts using SPSS
3. Familiarise with database, primary field, view, query etc. Create database for your educational institution for the purpose of preparing merit list and waiting list for admission of degree students.

**Books Recommended:**

1. Cox et.al. , 2007. *MS Office Step by Step*, PHI, New Delhi.
2. Jeremy: *SPSS for Windows*, Sage Publications, New Delhi

**Complementary Course IV: CO 1431 - BUSINESS STATISTICS**

No. of instructional hours per week: 4

No. of credits: 3

**Aim of the course:** To develop the skill for applying appropriate statistical tools and techniques in different business situations.

**Course Objectives:**

1. To enable the students to gain understanding of statistical techniques those are applicable to business.
2. To enable the students to apply statistical techniques in business.

**Module I:** Introduction- Meaning, definition, functions, and importance of statistics.- distrust of statistics –statistical studies - census study vs. sample study - collection of data – primary and secondary - methods of data collection– sampling - theoretical basis for sampling – methods of sampling – probability methods vs. non- probability methods.Classification, tabulation and presentation of data. Measures of dispersion.–Range, Quartile Deviation, Mean Deviation Standard Deviation. (a review only) (17 hrs)

**Module II:** Correlation - Meaning and definition-correlation and causation – types of correlation – methods of measuring correlation for ungrouped data -Karl Pearson's co-efficient of correlation and its interpretation, Probable error - , Coefficient of determination - Spearman's rank correlation- co-efficient of Concurrent deviation- application of different measures of correlation in business.(15hrs)

**Module III:** Regression analysis – Meaning, definition andtypes -Regression lines- determination of simple linear regression-. Regression equations and their application in business. Properties of correlation and regression co-efficient – Comparison of regression and correlation (15hrs)

**Module IV:**--Index numbers - Meaning and importance-Problems in construction of index numbers-Methods of constructing of index numbers- Simple aggregative, Average of Price relatives, Laspeyer's, Paasche's, Dorbisch- Bowley's, Marshall-Edge worth's and Fisher's ideal index numbers, Test of Consistency: Time Reversal Test and Factor Reversal Test. Chain Base Index Nos. Shifting of Base year. Cost of living Index and its use in determination of wages –Wholesale Price Index Number, Population index, inflation index, Operational indices- Sensex and Nifty. (15hrs)

**Module V:-**Time series analysis - Meaning and definition- components- Measurement of long term trend- Moving average method- Method of Least squares- Application in business. (10hrs)

**Books Recommended:**

1. Gupta.S.P. *Statistical Methods*, Himalaya Publishing House, Mumbai.
2. Elhance.D.L. *Fundamentals of Statistics*, Kitab Mahal, Allahabad.
3. Gupta.B.N. *Statistics - Theory and Practice*, SahityaBhawan Publications, Agra.
4. Sanchetti D.C and Kapoor V.K. *Statistics - Theory, Methods and Application*, Sultan Chand & Sons, New Delhi.
5. Nabendu Pal and HadedSarkarS.A. *Statistics - Concept and Application*, PHI, NewDelhi.
6. Agarwal.B.M. *Business Mathematics and Statistics*, Ane Books Pvt.Ltd., New Delhi.
7. Richard I.Levin and David S. Rubin, *Statistics for Management*, Prentice Hall of India, latest edition.

## SEMESTER V

### Core Course XI: CO – 1541: FUNDAMENTALS OF INCOME TAX

No. of Instructional Hours per Week: 5

No. of Credits: 4

**Aim of the Course:** To impart basic knowledge and understanding of the concepts and practices of Income Tax law in India.

**Objectives**

1. To familiarize the students about the fundamental concepts of Income Tax.
2. To enable the students to acquire the basic skills required to compute the tax liability of individual assessee with more emphasis on Income from Salaries and Income from House property.

**Module I :** Introduction- Income Tax Act- Basic Concepts and Definitions of Income Tax Act- Assessment Year- Previous Year - Person – Assessee- Income- Gross Total Income- Total Income- Casual Income- Rates of Tax applicable to the Individual Assessee – Maximum Marginal Rate- Residence of Assessee (Theory only)– Scope of Total Income on the basis of Residence or Incidence of Tax ( Theory only )- Exempted Incomes- Different heads or sources of Incomes.(10 Hrs)

**Module II:** Income from Salaries – Meaning and definition- Allowances- Perquisites- Profits-in-lieu of Salary- Provident fund – Deductions from Salary- Computation of Income from Salaries ( excluding Retirement Benefits) . (15Hrs)

**Module III:** Income from House Property – Basis of Charge- Exemptions- Annual Value – Deductions from Annual Value- Computation of Income from House property.(10 Hrs)

**Module IV:** Other heads of Income- Profits and Gains of Business or Profession - Chargeability- Deductions Expressly Allowed- Expenses expressly disallowed- Expenses not deductible in certain circumstances–Deductions allowable only on actual payments–Profits taxable–Maintenance of accounts–Audit of Accounts–Computation of Income from Business or Profession (Simple Illustrations)–Capital Gains-Basis of Charge–Capital Assets- Kinds of Capital Assets- Capital Gains exempt from tax- Computation of Capital Gains (theory and Simple Illustrations )- Income from Other Sources–Incomes Chargeable under the head–Kinds of Securities- Bond Washing

Transactions–Deductions Allowable–Disallowed Expenses–Computation of Income from Other Sources .(25 Hrs)

**Module V :** Computation of Tax Liability of Individual Assessee – Clubbing of Incomes and Aggregation of Incomes ( theory only )- Set off and Carry forward of Losses ( theory only ) – Computation of Gross Total Income – Deductions from Gross Total Income ( Deductions applicable to individual assessee only - 80 C, 80CCC, 80 CCD, 80 D, 80 DD, 80 DDB, 80 E, 80 G, 80 GG, 80 GGA, 80 QQB, 80 RRB, 80 TTA, and 80 U)- Rebate and Relief of Tax – Securities Transaction Tax- Computation of Total Income and Tax Liability of Individuals . (30 Hrs)

**Recommended Practical:**

1. Identify 20 -25 households and examine and document the residential status of members.
2. Identify any 10 - 15 employees in a locality who are enjoying perquisites and make valuation of the perquisites.
3. Identify any 5 -10 individual assessee and compute their tax liability.
4. Examine how Income Tax Returns can be filed electronically and e- file 5-10 returns.

**Books Recommended:**

1. Mehrotra H. C and Goyal S.P; *Income Tax Law and Practices*, Sahitya Bhavan Publications, Agra.
2. Vinod K. Singhania and Kapil Singhania; *Direct Taxes- Law and Practice*, Taxman Publications, Agra.
3. Gaur VP and Narang DB ; *Income Tax Law and Practice*, Kalyani Publications , New Delhi
4. Lal BB: *Income Tax Law and Practice* ; Konark Publications Pvt Limited, New Delhi

**Core Course XII: CO 1542 - COST ACCOUNTING**

No of instructional hours per week: 5

No of Credits: 4

**Aim of the Course:** To impart knowledge of cost accounting system and acquaint the students with the measures of cost control.

**Objectives:**

1. To familiarize the students with cost and cost accounting concepts
2. To make the students learn cost accounting as a distinct stream of accounting

**MODULE I:** Introduction to Cost Accounting—Meaning and definition—cost concepts—cost centre, cost unit, profit centre, cost control, cost reduction—objectives—Distinction between financial accounting and cost accounting—Methods and Techniques of costing—Advantages of Cost Accounting—Limitations of Cost Accounting—Installation of Costing System—Cost Accounting Standards (CAS 1-19 an overview) (12 Hours)

**MODULE II:** Accounting and control of material cost—Documentary design—EOQ—Levels of inventory - Methods of pricing issue of materials—ABC VED and FSN analyses—JIT System—Perpetual Inventory Control System-Periodical inventory System—Continuous Stock taking—Materials Losses and accounting treatment—Primary and Secondary packing materials and their accounting treatment. (20 Hours)

**MODULE III:** Accounting and control of labour cost—Time keeping—Time booking—Systems of Wage Payment—Incentive plans—Idle time—Overtime and their accounting treatment—Labour turnover—Concept of learning curve. (20 Hours)

**MODULE IV:** Accounting for overheads—Classification—Departmentalization (Allocation and Apportionment)—Absorption—Determination of overhead rates—under/over absorption—Accounting treatment—Allocation of overheads under Activity Based Costing. (20 Hours)

**MODULE V:** Cost Accounting records—Integral and non-integral Systems—Preparation and presentation of cost sheets—Unit Costing—Tender-Quotations—Reconciliation of Cost and Financial Accounts. (18 Hours)

**Recommended structure for preparing Question Paper: Theory-40% Problems—60%**

**Recommended Practicals:**

1. Prepare a list of activities those come across daily, wherein cost accounting applications can be made.
2. Prepare cost sheets in respect of milk production, farming activities, hospitals nearby, margin free shops and small and tiny enterprises in any region.
3. Analyse and present consumption of various materials in the household and explore the possibility of applying inventory control techniques.
4. Prepare comparative cost sheets of products we regularly consume by using published annual accounts.

**Books Recommended:**

- 1.SP Jain and KL Narang—*Advanced Cost Accounting*, Kalyani Publishers New Delhi
2. NK Prasad-*Advanced Cost Accounting*, Book Synidicate Pvt. Ltd. Kolkata
3. MY Khan and PK Jain-*Advanced Cost Accounting*, Tata McGraw Hill
4. Thulsian PC-*Practical Costing*, Vikas Publishing House, New Delhi
5. MN Arora, *Principles and Practice of Cost Accounting* Vikas Publishing House, New Delhi
6. BM Nigam and Jain K *Cost Accounting* PHI, New Delhi
7. SN Maheswari-*Cost and Management Accounting*, Sultan Chand & Sons, New Delhi

### **Core Course XIII CO 1543: MARKETING MANAGEMENT**

No: of instructional hours per week: 4No: of credits: 3

**Aim of the course:** To impart the knowledge of various concepts of modern marketing management

**Course objectives:**

- 1) To provide an understanding of the contemporary marketing process in the emerging business scenario.
- 2) To study various aspects of application of modern marketing techniques for obtaining a competitive advantage in business organizations.

**MODULE-I:** Meaning and Definition of Marketing -Evolution of Modern Marketing Concept-Marketing Orientation vs. Selling Orientation- Comparison- Role of Marketing in Modern Organizations- Marketing Mix- Concept and Components- New Horizons of Marketing- Global Marketing- Service Marketing- Social Marketing or Cause Marketing- Online Marketing- Sustainable Marketing- Micro marketing-Relationship Marketing- Customised Marketing.(12hrs)

**MODULE-II:** Consumer Behaviour- Concept- Process of Consumer Buying- Factors influencing Consumer Buying Decisions- Customer Relationship Management. Market Segmentation- Concept-Process- Bases for Market Segmentation- Requirements of Effective Market Segmentation – Market Targeting- Market Positioning - Concept-Importance (15 hrs)

**MODULE-III:** Product-Meaning and importance- Classification of products-Concept of product item, product line and product mix -Product Life Cycle-stages-Management strategies of different stages of Product Life cycle- New Product Development process Product innovation and product diversification-Branding ,Packaging and Labeling-Factors contributing Brand equity.(15 hrs)



**MODULE-IV:** Pricing Decisions-significance of price-pricing objectives-Factors affecting pricing decisions-internal and external factors in marketing decisions-Approaches to pricing-cost oriented, demand oriented and competition oriented pricing-Different Methods of pricing-Pricing strategies for new products.Distribution Management-Channels of distribution-Meaning-Types of distribution channels-Factors influencing Length of distribution channel-Logistics Management-Logistics decisions-Traditional Logistics management approach Vs Supply chain Management. 15hrs)

**MODULE-V:** Promotion-Nature and Importance-Concept of push and pull mix-Types of promotion: Advertising-Personal selling, sales promotion and public relations-Functions and advantages of Advertising-Advertisement copy-Requirements of good advertisement copy.-Advertising media-Factors influencing selection of advertisement media-personal selling-essentials of effective selling-Sales promotion-Meaning, functions and different methods of sales promotion. (15hrs)

**Recommended Practicals:**

- 1.Prepare a questionnaire and conduct a mini survey of a few customers for identifying the factors influencing the buying behaviour for any product of your choice.
2. Collect advertisements of leading brands of any five products and identify the unique selling propositions.
- 3.Trace the brand history of any product.
- 4.Identify different sales promotion techniques in foreign markets and prepare a report.

**Recommended Books**

1. *Marketing management*-Philip Kotler, Kevin Lane Keller, Abraham Koshy and Jha, Pearson Publications.
2. *International marketing*-Philip RCaterop, Tata McGraw Hill Publications.
3. *Marketing Management, 5/Edn* –Rajan Saxena, McGraw Hill education, New Delhi.
4. *Marketing Management: Concepts and Cases* – Sherlekar S.A., Himalaya Publishing House, New Delhi.
5. *Marketing Management*- Pillai, R.S.N., S. Chand & Co, New Delhi.
6. *Modern Marketing: Principles & Practices*, Pearson Education , New Delhi
7. *Marketing*, Verma/ Duggel, Oxford University Press, New Delhi.

**Open Courses (For students from Disciplines other than Commerce)**

**Open Course I: CO 1551.1- FUNDAMENTALS OF FINANCIAL ACCOUNTING**

No. of instructional hours per week: 3

No. of credits: 2

Aim of the course: To provide basic accounting knowledge as applicable to business and to form a background for higher learning in financial accounting.

Course objectives:

1. To enable the students to acquire knowledge in the basic principles and practices of financial accounting.
2. To equip the students to maintain various types of ledgers and to prepare final accounts.

**Module I:** Introduction to financial accounting – Accounting – meaning, objectives – accounting concepts and conventions - systems of accounting. Accounting Standards – meaning and objectives. Double entry book keeping–basic concepts–rules of debit and credit.(8hrs)

**Module II:** Recording Business Transactions – Journal – Ledger – Subsidiary books. (8 Hrs)

**Module III:** Cash book – Simple cash book, cash book with cash and discount columns, cash book with cash, discount and bank columns – Petty Cash Book. (10hrs)

**Module IV:** Trial Balance – meaning and objectives – preparation of Trial Balance. (10 Hrs)

**Module V:** Financial Statements – Final accounts of Sole trader – Trading and Profit and Loss Account – Balance Sheet – Preparation of final accounts with adjustments (Simple Adjustments including Provision for bad debts, outstanding, prepaid expenses and incomes, bad debts, provision for bad debts and depreciation) (18hrs)

**Books Recommended:**

1. Jain S.P. and Narang K.L. *Basic Financial Accounting*, Kalyani Publishers, New Delhi.
2. Maheswari S.N and Maheswari S.K. *Advanced Accounting-Vol.I*, Vikas Publishing House, New Delhi.
3. Naseem Ahmed, Nawab Ali Khan and M.L. Gupta. *Fundamentals of Financial Accounting – Theory and Practice*, Ane Books Pvt. Ltd., New Delhi.
4. Krishnankutty Menon M. and George Chakola. *Principles of Book-Keeping And Accountancy*, Sahitya Bhawan Publications, Agra.
5. Gupta R.L. and Gupta V.K. *Principles and Practice of Accountancy*, Sultan Chand & Sons, New Delhi.

**Open Course: 1 - CO 1551.2 PRINCIPLES OF MANAGEMENT**

No. of instructional Hrs per week: 3 No. of Credits: 2

**Aim of the Course:** To familiarise the students from other faculties on the framework of management.

**Course objectives:** To provide knowledge on the fundamentals of management principles and functions.

**Module 1:** Introduction to Management : - Meaning and definition, scope, importance, management and administration, management levels- Management- science, art or profession- Henry Fayol's principles of management. (10 Hrs)

**Module 2:-** Planning: - Meaning, objectives, types of plans, steps in planning and limitations of planning. (9 Hrs)

**Module 3:** Organising: - Concept, significance, types- formal and informal, line and staff and functional, centralisation, decentralisation, delegation and departmentation. (15 Hrs)

**Module 4:** Staffing: - Importance, sources of recruitment and selection, training and development. (Conceptual framework only) (10 hrs)

**Module 5:** Directing and controlling : - Meaning and elements of direction -Controlling- Meaning - steps-. Methods of establishing control. (10 Hrs)

**Books recommended:**

1. Koontz.O. Donnel, *Principles of management*, Tata Mcgrawhill, publishing co, New Delhi.
2. L. M. Prasad, *Principles of Management*, Sultan Chand & sons, New Delhi.

3. R.C. Bhatia, *Business Organisation and Management*, Ane books, P. Ltd. New Delhi.
4. Tripathy Reddy, *Principles of Management*, Tata McGraw Hill Publishers, New Delhi.

### **Open Course 1. CO 1551.3 CAPITAL MARKET OPERATIONS**

No. of instructional Hours per week: 3 No of Credits: 2

**Aim:** To create an interest among students towards stock market investment

**Objective:** To familiarize the students with capital market operations

**Module I:** Capital Market- meaning – structure- capital market instruments (Brief discussion only) – Primary market (Meaning) Methods of public issue, Book building – meaning – procedure (10 Hrs)

**Module II:** Secondary Market – Leading stock exchanges in India – Securities traded in the stock exchange – ownership and creditor ship securities (Concept only) – Procedure for buying and selling securities – Types of orders – Online trading – Stock market indices (Meaning) (12 Hrs)

**Module III:** Dematerialization of Securities – meaning –advantages of dematerialization – Depositories – functions of depositories – Procedure of dematerialization (12 Hrs)

**Module IV:** Types of investors – Speculation Vs Investment – Types of speculators(10 Hrs)

**Module V:** Derivatives – Meaning – Forwards, Futures, Options – Put option - Call option (10Hrs)

#### **Books Recommended**

1. Kevin S .*Security Analysis and Portfolio Management* ,PHI, New Delhi.
2. PreethiSingh .*Dynamics of Indian Financial System*, Ane Books Pvt. Ltd., New Delhi.
3. Sojikummar.K and Alex Mathew .*Indian Financial System and Markets*, Tata McGraw-Hill Publishing Co.Ltd., New Delhi.
4. Bharathi V. Pathak .*Indian Financial System*, Pearson Education,Noida.

**Elective Course III: Stream 1 - Finance**  
**CO 1561.1 FINANCIAL SERVICES IN INDIA**

No. of instruction hours per week: 5

No. of Credits: 4

**Aim:** To provide a general awareness about the financial services

**Objective:** To familiarize the students with the structure and functioning of financial service sector in India.

**Module1:** Introduction to Financial services- Meaning-Role of financial services in Indian Financial system-developments-classification (10 hours)

**Module 2:** Fund based financial services-Venture Capital – features, types, process, growth and major players in the Indian market. Leasing – types, advantages, limitations – Leasing institutions in India, Factoring –objectives, features, types. Forfeiting (Concept only), Infrastructure financing-features ,types, Housing Finance- features, types, institutions- NHB- securitization process.(25 Hrs)

**Module 3:** Other Fund based Financial Services: Hire purchase – features – institutions –operators, Installment – features, Insurance – type of insurance – Schemes – Modern trends in insurance sector. Mutual Funds- definition and meaning, organization structure in India-trust-sponsors- trustees, AMC; types of Schemes, NAV, Advantage and disadvantages of Investment in Mutual Fund; growth and present position of mutual fund business in India,SIP.(20 Hours)

**Module4:** – Fee based financial services: – Merchant banking – Functions – Classification- role in primary and secondary markets -Regulation of Merchant banking in India- major players-- Underwriting- meaning- types- role in primary market- liability calculation-advantages- major players.Portfolio management services - Meaning – portfolio selection – maintenance –revision-evaluation.(25 Hours)

**Module 5:** Credit rating –objectives – Significance -credit rating methodology and factors – advantages -Credit rating agencies in India. Foreign rating agencies (a brief study only). Individual credit worthiness-The Credit Information Bureau (India) Limited (CIBIL) (10 Hours)

**Recommended practical**

- 1.Prepare a mutual fund monitor and gain table with fund size, latest NAV, period wise Absolute return and CAGR return. Plot the data in to a diagram.
2. Compile the data of securitization made in India for the last three years and present it in a table format.

**Books Recommended:**

1. Gupta N.K and Monika Chopra .*Financial Markets, Institutions and Services*,Ane Books India, New Delhi.
2. YogeshMaheswari .*Investment Management*, PHI, New Delhi.
3. Kevin S. *Security Analysis and Portfolio Management*, PHI, New Delhi.
4. AvadhaniV.A .*Security Analysis and Portfolio Management*, Himalaya PublishingHouse, New Delhi.
5. Donald M. Fischer and Ronald J. Jordon.*Security Analysis and PortfolioManagement*, PHI, New Delhi.
6. BholeL.M .*Financial Markets and Institutions*, Tata McGraw-Hill PublishingCo. Ltd., New Delhi.
7. Bharathi. V. Pathak. *Indian Financial System*, Pearson Education, New Delhi.
8. VasanthDesai .*Indian Financial System*, Himalaya Publishing House, New Delhi.
9. Khan M.Y. *Financial Services*, Tata McGraw-Hill Publishing Co. Ltd., New Delhi.
- 10 Dr S Guruswamy.*Merchant banking and financial services*, Tata McGraw-Hill Publishing Co.Ltd., New Delhi.

**Elective Course III: Stream 2 - Co-operation**  
**CO 1561.2 - CO-OPERATIVE LEGAL SYSTEM**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To give knowledge of the legal system prevailing in India for the management and administration of co-operatives.

**Course objectives:**

1. To give an insight into the prevailing co-operative legal system.
2. To enable the students to understand the legal framework of co-operation.

**Module I:** Co-operative Legislation in India and in Kerala- Evolution of co-operative legislation in India- the 1904 Act, the Act of 1912, transfer of co-operation as provincial subject, National Development Council Resolution 1956, the Model Co-operative Societies Bill1957, the Model Co-operative Societies Bill 1991 by Planning Commission- Trend towards parallel Co-operative Laws - Andhra Pradesh Mutually Aided Co-operative Societies Act 1995,Multi state Co-operative Societies Act 1984 and its replacement in 2002. Evolution of Cooperative legislation in Kerala. The enactment of Kerala – Co-operative Societies Act 1969. Major amendments in brief (2010 & 2013) (15 hrs)

**Module II:** Kerala Co-operative Societies Act (Act 21 of 1969) - Preamble and its significance important definitions- registration of Co-operative societies- procedure for registration,Byelaws-contents- amendment of byelaws- change of name and liability- amalgamation anddivision of co-operative societies. Membership- qualification for membership- rights andliabilities of members, removal and expulsion of members, withdrawal and transfer of shares bymembers, restriction on holding shares, nomination by members.(20hrs)

**Module III:** Management of Co-operatives- Annual general meeting, Special general meeting, powers of general body, constitution of committee, term, reservation for weaker sections, disqualification of committee members. Election- State Co-operative Election Commission and its powers – election procedure, appointment of delegates, supersession of the committee, appointment of administrator/administrative committee– seizure of books and records. Privileges of Co-operatives–charge and set off, register of members as prima facie evidence –exemption from stamp duty, taxes and fees, deduction of dues of co-operatives – exemption from compulsory registration of

certain documents. Enquiry, Inspection and Supervision –procedures - Surcharge – procedures. (25hrs)

**Module IV:** Settlement of disputes – arbitration and awards – provisions and procedures –Execution and enforcement of awards – provisions and procedures. Appeals, review and revision meaning and distinction – authority of appeals – Co-operative Tribunal- constitution and powers. Offences and penalties–provisions and procedures.-Co-operative ombudsman–powers and appointment (20hrs)

**Module V:** Winding up and dissolution of co-operative societies – appointment and powers of liquidators – procedures – settlement of claims. (10hrs)

**Recommended practical**

Collect data on the procedure adopted by various cooperatives for conducting meetings and prepare model notices for various meetings

**Books Recommended:**

- 1.Goyal B.B. *Co-operative Legislation :Trends and Dimensions*, Deep& Deep Publications Pvt.Ltd. New Delhi.
- 2.Bedi R.D. *Law for Co-operation*, National Council for Co-operative Training , New Delhi.
- 3.Mohanan P.N . *Co-operative Societies Laws in Kerala*, Swamy Law House, Ernakulam.
- 4.Trivedi B.B. *Law and Management of Co-operatives* , Loyal Book Depot, Meerut.
- 5.Weerman P.E. *A Model Co-operative Societies Law, International Co-operative Alliance*,New Delhi.

### **Elective Course III: Stream 3: Travel and Tourism CO 1561.3 HOSPITALITY MANAGEMENT**

**Instructional Hours: 5**

**No of Credits: 4**

**Course Objectives:**

1. To familiarize the students with various types of accommodation
2. To familiarize the students with various business activities in the accommodation segment

**Module 1:** Hospitality management - meaning - development of hospitality industries - hospitality services - catering - managerial issues - Emergence of the hotel – definition – international resorts- laws pertaining to hospitality. (15 hrs)

**Module 2:** Accommodation - types - classification & grading - categorization - supplementary accommodation - motels - dormitories - youth hostels - travel bungalows - paying guest accommodation – spas-Home stays- Criteria for getting classified home stay by Department of Tourism.Important departments of hotel – Front office, Housekeeping, Food and Beverage, maintenance and engineering (20 hrs)

**Module 3:** Functions of hotels - front office management - room tariff plans - housekeeping& allied services - food & beverages - restaurants - management - lobby managing - kitchen equipment and cutlery.Standardization – organizational structure. (15 hrs)

**Module 4:** Human resources management of hotels - sales marketing - purchase & storage - financial statements preparation- Preparation of various forms of one check in- Preparation of guest log book-Managing Finance. (20 hrs)

**Module 5:** Catering – types of menu- types of catering - railways - airways - role of private & public agencies in catering for tours - national & continental cuisine - packaging the food - training-- food preservation – Food adulteration prevention rules and food safety rules-types of restaurant- basic etiquette for restaurant staff –departments of restaurant. (20 hrs)

**Practicals:**

Preparation of Menus, List of famous hotels, Different room tariff plans

**Books recommended:**

1. Chon. Welcome to Hospitality: An introduction, Delmar Publishers, London.
2. Walker John R. Introduction to Hospitality, PHI, New Delhi.
3. Sudhir Andrews. Hotel Front Office Training Manual, Tata McGraw-Hill Publishing Company Ltd. New Delhi.
4. Negi. Hotel for Tourism Development, Metropolitan books Co. New Delhi.
5. Jagmohan Negi. Hotel and Tourism Laws, Frank Brothers, New Delhi.
6. David.J. Text Book of Hotel Management, Anmol Publications, New Delhi.
7. Alastair M.Morrison. Hospitality and Travel Marketing, Delmar Publishers, London.
8. Krishnan Kamra. Hospitality Operations and Management, Wheeler Publishers, Allahabad.

**Elective -Course III: Stream 4 - Insurance and Banking**

**CO 1561.4 - INDIAN BANKING SYSTEM**

No. of instructional hours per week: 5

No. of credits: 4

Aim of the course: To impart a comprehensive knowledge of the functioning of Indian banking system.

Course objectives:

1. To enlighten the students on Indian Banking and the regulating provisions.
2. To enable the students to know the working of the Indian banking system.

**Module I:** Banking Regulation Act, 1949- History, social control, Banking Regulation Act as applicable to banking companies and public sector banks, Banking Regulation Act as applicable to Co-operative Banks. Negotiable Instruments Act, 1881- essential features of negotiable instruments- cheque, bill of exchange, promissory note. (18hrs)

**Module II:** Systems of Banking- Unit banking and branch banking- group banking and chain Banking- deposit banking and mixed banking- any time banking and anywhere banking. Banks as financial supermarkets - specialised functions to diversified functions, Intermediation to disintermediation- banc assurance.(20 hrs)

**Module III:** Non-Banking Finance Companies- Definition- Regulation- distinction between NBFCs and banks- services- assets- investment norms- SEBI and RBI guidelines- leading NBFCs functioning in Kerala.(20hrs)

**Module IV:** Development Banking- concepts- evolution- nature- importance- institutions- SIDBI- EXIM Bank- RRBs- NABARD- CARD Banks.(12hrs)

**Module V:** Co- operative Banks- structure- role of co-operative banks in developing economy- Regulation of co-operative banks- State co-operative Banks- District co-operative Banks- Primary Agricultural Credit societies.(20hrs)

### **Recommended Practicals**

1. Prepare a list of various financial institutions in Kerala showing clearly the classification as banks, NBFCs, Development Banks and Co- Operative banks.
2. Prepare a list of banks functioning in Kerala as unit banks and branch banks.

### **Books Recommended:**

1. Sundaram K.P.M and Varshney P.N .*Banking Theory Law and Practice*, Sultan Chand Sons, New Delhi.
2. Maheswari S.N .*Banking Theory Law and Practice*, Kalyani Publishers, New Delhi.
3. Sekhar K.C .*Banking Theory Law and Practice*, Vikas Publishing House, Mumbai.
4. Gordon E & Natarajan K .*Banking Theory Law and Practice*, Himalaya Publishing House, Mumbai.
5. Lall Nigam B.M .*Banking Law and Practice*, Konark Publishers Pvt. Ltd., New Delhi.
6. Radhaswami M .*Practical Banking*, Sultan Chand & Sons, New Delhi.
7. Vasant Desai .*Development Banking and Financial Intermediaries*, Himalaya Publishing House, Mumbai.
8. Paramesharan R and Natarajan S .*Indian Banking*, S.Chand & Co. Ltd., New Delhi.
9. Indian Institute of Banking and Finance .*Laws of Co-operative Banking*
10. Mathur B.S .*Co-operation in India*, Sahitya Bhawan Publications, Agra.
11. Bedi R.D. *Theory, History and Practice of Co- Operation*, B. Lal Book Depot, Meerut.
12. Nakiran S. *Co-operative Banking in India*, Deep & Deep Publications Pvt. Ltd., New Delhi.

## **Elective Course II: Stream 5 - Computer Application CO 1561.5 -WEB DESIGNING AND PRODUCTION FOR BUSINESS**

No. of instructional hours per week: 5 (1 hour theory and 4 hour practical) No. of credits: 4

**Aim of the course:** To expose students to environment for web designing and developing

### **Course objectives:**

1. To impart functional knowledge in the field of Web design
2. To develop practical skills in Web designing and production for business organisations.

**Module I:** Planning a site for business: - Web page overview –, Elements of a web page. Types of sites – Personal sites, Small business sites, large business sites, online business sites, Educational institution sites, Government sites, Blogs, twitters, - Matching format to audience, creating guidelines, creating a site structure, Writing for the web, download time, methods for creating pages, Publishing a site – Addressing a web site, Absolute & Relative addresses (8 hrs.)

**Module II:** HTML Basics - Head content, adding a title, Body content, Paragraph breaks, Line breaks, Horizontal lines, Fonts and text size, Text color, Headings, Aligning text, Lists, Background color. Editing - About HTML editors, - Net beans, Dream viewer the editing environment Effective Page design – Uniform style, finding design ideas, Heading, Lists, using white space, splitting the text, colors and background., Creating pages with Save As.(17hrs)



**Module III:** Frames, Forms, Images & Navigation – Frames and tables, animated effects – forms – creating forms - Images – Image formats for the web, obtaining images, image size, editing images, thumbnails, images and text, rollover images - Navigation – types of hyperlinks, navigation bars, linking to external sites, email links, creating image maps, image maps in action, site maps, three-click navigation, site linkage (20hrs)

**Module IV:** CSS, Multimedia and Publishing - CSS – creating and editing cascading style sheets, adding CSS. - Sound - types of sound files, linking to sound files, embedding sound files - Video – Analog video, Digital video, webcams, Animation – Downloading animations, flash Publishing – Testing, Transferring to the web, registering a site, marketing a site, maintaining a site, Domain names, web hosting (20hrs)

**Module V:** XML an Overview – XML – XML DTD – Physical structures in XML – XML data – creating and validating a book description document in XML – placing XSL in perspective – XSL concepts – code walk through XSL - creating XSL style sheet – creating and using COM objects in XML - Creating blogs Introduction of PHP – Introduction to Scripting Language, WAMP/LAMP installation, configuration of MySQL and localhost, Develop a simple page, compile PHP Script, Export a WEB Page, Security features in Software Development etc. (25 hrs.)

**Recommended practical:**

1. Create websites for an automobile Company/an FMCG Company/dynamic website for an educational institution
2. Create an online application form for admission process.
3. Create a website for online marketing.
4. Creating a Blog using XML
5. Create a simple page by compiling PHP script.

**Books Recommended:**

1. Mary Millhollon ,et .al. *Easy Web Design*, PHI, New Delhi.
2. Nick Vandome .*Creating Web Pages*, Dreamtech Publishers, New Delhi.
3. Mike McGrath .*HTML in Easy Steps*, Dreamtech Publishers, New Delhi.,
4. Ramachandran et.al *Web designing and Production for Business*, Green Tech Books, Thiruvananthapuram.
4. NIIT. *Basics of Website Design*
5. Millhollon & Castrina .*Faster Smarter Web Page Creation* ,PHI, New Delhi.

## SEMESTER VI

### Core Course XIV: CO 1641 AUDITING

No of instructional hours per week:4 No. of credits:4

**Aim of the Course:** The acquaint the students with the principles and practice of auditing

**Course Objectives**

1. To provide students the knowledge of auditing principles, procedures and techniques in accordance with current legal requirements and professional standards.
2. To familiarize students with the audit of Companies and the liabilities of the auditor.

**Module 1:** Introduction – Meaning- definition- objectives, accounting ethics and auditing – Auditing and Assurance Standards- concept of auditor’s independence – concept of true and fair value–types of audit– statutory audit– internal audit– continuous audit– final audit – cost audit – management audit – tax audit – government audit – performance audit – social audit. (15 Hrs)

**Module 2:** Audit Process, Documentation and Internal Check – Preparation before audit -Audit Programme – audit process -audit note book – audit working papers – audit files – internal control – internal check – duties of auditors as regards cash transactions, purchases, sales, wages and stores. (15Hrs)

**Module 3:** Vouching and Verification - Vouching – meaning – importance – vouchers – requirements of a voucher – verification meaning – difference between vouching and verification – principles – valuation of assets – Difference between verification and valuation -verification of assets and liabilities – precautions. (15 Hrs)

**Module 4:** Auditors of Joint Stock Companies. As per Provisions in the Companies Act 2013 - Auditor's qualifications – disqualifications – appointment – remuneration – removal –status -Removal of an auditor – powers, duties and liabilities of auditor with relevant legal judgments. Audit Report–types.(17Hrs)

**Module 5:** Investigation - Meaning – investigation vs. auditing – types of investigation – investigation on acquisition of running business – investigation when fraud is suspected.10 Hrs)

#### **Recommended Practical**

- 1) Prepare a Model Audit Programme.
- 2) Collect vouchers of different kinds of transactions. Examine whether they have all the essential requisites of a valid voucher. Prepare a record with the documents collected.
- 3) Prepare a report of legal judgements relating to liability of auditors with reference to recent cases in India as well as in the global context.

#### **Books Recommended**

1. Bhatia RC. *Auditing*, Vikas Publishing House , New Delhi
2. Jagadeesh Prakash. *Auditing:Priciples and Practices*, Chaithanya Publishing House, Allahabad
3. Kamal Gupta.*ContemperoryAuditing*,TataMcGraw Hill Publishing Co, New Delhi.
4. Saxena and Saravanavel. *Practical Auditing*, Himalaya Publishing Co, Mumbai.
5. Sharma R. *Auditing*, LakshmiNarain Agarwal, Agra.
6. Tandon B.N. *Practical Auditing*, S Chand&Co Ltd, New Delhi

### **Core Course XV:CO 1642: APPLIED COSTING**

No of instructional hours per week: 5

No of credits:4

**Aim of the Course:** To develop the skill required for the application of the methods and techniques of costing in managerial decisions.

#### **Course objectives:**

1. To acquaint the students with different methods and techniques of costing.
2. To enable the students to apply the costing methods and techniques in different types of industries.

**MODULE I:** Specific Order Costing - Job Costing – Meaning - Accounting procedure - Batch Costing - Meaning and accounting procedure - Economic Batch Quantity - Contract Costing – Meaning - Determination of profit or loss on Contracts - Cost plus contracts - Escalation Clause - Sub-contracts. (18 Hrs)

**MODULE II:** Process Costing – Features - Treatment of Process losses and abnormal gain - Joint products and by – products - Methods of apportioning joint costs - Equivalent Production. (20 Hrs)

**MODULE III:** Service Costing—Meaning—Features—Composite Cost Unit—Service Costing applied on Transport—Hospital—Power House—Canteen. (15 Hrs)

**MODULE IV:** Marginal Costing-Meaning-Difference between marginal costing and absorption costing - Break Even Analysis - Cost Volume Profit Analysis - Decision making-Key factor- Make or buy—Product/Sales mix decisions—Pricing decisions—Capacity determination.(25 Hrs)

**MODULE V:** Standard Costing—Meaning—Difference between standard cost and estimated cost—Historical costing Vs standard costing—Constituents of standard cost—Analysis of Variance (Materials only – quantity, price, cost, mix and yield) (12 Hrs)

**Recommended structure for preparing Question Paper: Theory - 30% Problems 70%**

**Recommended Practicals:**

1. Visit a coconut oil mill or similar process industries to have real feel of process industries and prepare process cost accounts using actual data.
2. Visit passenger transport or goods transport utilities and analyse their cost structure.
3. Visit construction sites and study the pattern of contracting, subcontracting, etc and prepare contract accounts from actual figures.

**Books Recommended:**

1. Jain SP and Narang K.L.—*Advanced Cost Accounting*, Kalyani Publishers New Delhi.
2. Prasad N. K.,*Advanced Cost Accounting*, Book Syndicate Pvt. Ltd. Kolkata.
3. Khan M.Y and Jain PK,*Advanced Cost Accounting*, Tata McGraw Hill.
4. Thulsian P.C,*Practical Costing*, Vikas Publishing House, New Delhi.
5. Arora M.N, *Principles and Practice of Cost Accounting*, Vikas Publishing House, New Delhi.
6. Nigam B.M and Jain K,*Cost Accounting* PHI, New Delh.
7. Maheswari.S.N,*Cost and Management Accounting*, Sultan Chand & Sons, New Delhi.

**Core course XVI: CO 1643 - MANAGEMENT ACCOUNTING**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** *To develop professional competence and skill in applying accounting information for decision making.*

**Course objectives:**

1. *To enable students to acquire sound knowledge of concepts, methods and techniques of management accounting*
2. *To make the students develop competence with management accounting usage in managerial decision making and control.*

**Module I:** Management Accounting – Nature and Functions; Financial vs. Management Accounting; Cost vs. Management Accounting; Role of Management Accountant - role of management accounting in decision making. Tools and techniques of management accounting - Management Reporting - essentials of a good report – methods and types of reports (15hrs)

**Module II:** Decision making: Concept and nature of decision making process; Information for decision making - Risk and uncertainty and the Decision making - Decision Analysis - Handling uncertainty, decision tree - Cost-Benefit vs. Cost-Effectiveness Analysis - Costs for decision making – fixation of selling price - Relevant Information and Short-Run Managerial Decisions - (*Theoretical aspects only*). (10hrs)

**Module III:** Fund flow analysis and cash flow analysis - Fund flow statement- Meaning - objectives- uses of Fund Flow statement- differences between Fund Flow Statement and Balance sheet- differences between Fund Flow Statement and Income statement- Preparation of Fund Flow Statement. Cash Flow statement– meaning- objectives and uses-differences between Cash Flow Statement and Fund Flow Statement- Preparation of Cash Flow Statement.(25hrs)

**Module IV:** Budgeting and Control -Meaning –Nature and functions; Preparation of Different Types of Budgets, Fixed Versus Flexible Budgeting - uses – functional budgets – cash budget – flexible budget – meaning and concept of master budget. (20hrs)

**Module V:** Capital Expenditure – Decision and Control – Need for sound capital investment policy – Average Rate of Return – Payback Method – Present Value Method – NPV – IRR - Profitability Index – Control of Capital Expenditure – Capital Rationing(20hrs)

### **Recommended structure for preparing Question Paper: Theory - 30% Problems 70%**

**Recommended Practical:** Students are expected to analyse live cases of cost and management accounting reports attached to Annual Reports and make a presentation in the class.

**Books Recommended:** *Note: Latest edition of text book may be used.*

1. Lal, Jawahar. *Cost Accounting*. Tata McGraw Hill Publishing Co., New Delhi.
2. Garrison H., Ray and Eric W. Noreen. *Managerial Accounting*, Tata McGraw Hill Co. New Delhi
3. Khan, M.Y. and P.K. Jain. *Management Accounting*. Tata McGraw Hill, Publishing Co., New Delhi.
4. Man Mohan, Goyal S.N. *Principles of Management Accounting*, SahityaBhawan Publications, Agra.
5. ShashiK.Gupta and Sharma R.K. *Management Accounting*, Kalyani Publishers, New Delhi.
6. Gupta S.P and Sharma R.K. *Management Accounting*, SahityaBhawan Publications, Agra.
7. Kulshustia and Ramanathan. *Management Accounting*, Sultan Chand & Sons, New Delhi.
8. Maheswari S.N. *Management Accounting and Financial Control*, Sultan Chand & Sons Delhi.
9. Shukla, M.C., T.S. Grewal and M.P. Gupta. *Cost Accounting, Text and Problems*. S. Chand & Co. Ltd., Delhi.
10. Pandey I.M *Principles of Management Accounting*, Vikas Publishing House, New Delhi.
11. Khan M.Y & Jain P.K. *Management Accounting*, Tata McGraw-Hill Publishing Co. Ltd., New Delhi.
12. Revi M. Kishore. *Management Accounting*, Taxman Publications Pvt.Ltd., New Delhi.
13. Jain, S.P. and K.L. Narang. *Cost Accounting, Principles and Methods*. Kalyani Publishers, Jalandhar.

### **Open Course (For students from Department of Commerce)**

#### **CO 1651.1 PRACTICAL ACCOUNTING**

No of Instructional Hours -3(1 theory and 2 hours Practical)

No. of credits: 2

**(Note – The college shall provide pre-printed accounting documents and register to enable the students to learn accounting through practicing)**

Aim and Objectives:

1. To acquaint the students an overall idea of how accounts are maintained in a practical manner.
2. To enable the students to prepare final accounts and annual report in depth.

Module 1: Classification and Codification of Accounts - Classification of accounts – Expenses – Incomes – Assets – Liabilities – sub classification – element - wise – direct, indirect, current, fixed, short term and long- term classification – Codification of accounts and accounting nomenclature.(10 hrs)

Module 2: Account Manuals - Rules and procedures to be followed in accounting – Treatment of items in which the accountant is having discretion – disclosures to be made. (10 hrs)

Module 3: Preparation and maintenance of Vouchers, Journals, Cash Book and Ledgers. (Needs to provide the students with printed forms to do Practicals (10 hrs)

Module 4: Maintenance of Asset Registers - Preparation and maintenance of asset registers – computation of depreciation – capitalization/sale/disposal/scrappy of fixed assets – priced stores ledger – physical verification of assets, cash, stock and sub journal entries. (12 hrs)

Module 5: Preparation of Final Accounts - Trial Balance, Profit and loss account, balance sheet, notes to accounts, auditors' reports and replies thereof. (12 hrs)

**Recommended structure of question paper: Theory – 30% Practical – 70%**

**Recommended Books:**

Advanced Accounts – M C Shukla & T S Grewal.

Advanced Accounts – P C Tulsian

Advanced Accounts – Jain and Narang

## **CO 1651.2 STRATEGIC MANAGEMENT**

No. of instructional hours per week: 3 No of credits: 2

**Aim of the course:** To enhance the decision making abilities of students in situations of uncertainty and dynamic business environment.

**Course Objectives:**

1. To give basic understanding about the concepts related to strategic management.
2. To acquaint the students with the managerial tasks associated with implementing corporate strategy.

**Module I:** Introduction to strategic management: Introduction, Concept of strategy-Meaning and definition of strategy, need for strategy, characteristics of strategy, Strategy and Tactics, levels of strategy, strategic management, nature of strategic management, importance of strategic management, characteristics of strategic management, process of strategic management, participants in strategic management, advantages of strategic management, limitations of strategic management. (12 hrs)

**Module II:** Strategic Intent and Strategic Formulation: Strategic intent, Hierarchy of strategic intent- Vision-Mission-Goals- Objectives-Plans, Strategy formulation, Approaches to Strategy formulation, Strategic business unit, Types of strategy– Stability strategy-Growth strategy- Retrenchment strategy and Combination strategy. (10hrs)

**Module III:** Strategic Analysis: Strategic analysis, Environmental Threats and Opportunity Profile (ETOP), Organisational Capability Profile (OCP), Strategic Advantage Profile (SAP), Corporate Portfolio Analysis (CPA), BCG Growth Share Matrix, Synergy and Dyssynergy, SWOT and TOWS analysis, GAP analysis. (12hrs)

**Module IV:** Strategy Implementation: Strategy implementation, Approaches to strategy implementation, Inter-relationship between strategy formulation and implementation, Issues in strategy implementation, Resource allocation. (10hrs)

**Module V:** Strategic Evaluation and Control: Strategic evaluation, Strategic control, Techniques of strategic evaluation and Strategic control. (10hrs)

### **Books Recommended**

1. SubhaRao P. *Business Policy and Strategic Management*. Himalaya Publishing House. Mumbai.
2. Prasad. L. M. *Strategic Management*. Sultan Chand & Sons. New Delhi.
3. Siva Ram Prasad R. *Strategic Management. Students Helpline* Publishing House. Hydrabad.
4. AzarKasmi. *Business Policy and Strategic Management*. Tata McGraw Hill Publishing Co. LTD. New Delhi.
5. Sharma R.A. *Strategic Manangement in Indian Companies*. Deep and Deep Publications Pvt. Ltd. New Delhi.
6. Ramaswamy and Namakumari.s. *Strategic Planning Formulation of Corporate Startegies*. Macmillan India Ltd. New Delhi.
7. Bhattachaya S.K and Venkataraman N. *Managing Business Enterprises: Strategic Structure and System*, Vikas Publishing House. New Delhi.
8. Vipin Gupta. Kamala Gollakota. R. Srinivasan. *Business Policy and Strategic Management. Concepts and Applications*. Prentice Hall of India, New Delhi.
9. Francis Cherunilam. *Strategic Management*. Himalaya Publishing House, Hyderabad.

## **Open Course II: CO 1651.3 - MANAGEMENT OF FOREIGN TRADE**

**No. of instructional hours per week: 3**

**No. of credits: 2**

**Aim of the course:** To expose the students to the overall management of foreign trade affecting International business.

### **Course objectives:**

1. To acquaint the students with India's foreign trade.
2. To familiarise the students with international trade and services.

**Module I:** Introduction to Foreign Trade – basis of foreign trade – terms of trade – balance of payments – economic development and foreign trade – India's foreign trade in global context. (8 Hrs)

**Module II:** International Socio-Economic Environment and system – Regional economic groupings – GATT, UNCATD and WTO – bilateralism vs Multilateralism – commodity agreements and commodity markets (10 Hrs)

**Module III:** India's Foreign Trade-role of state trading in India's foreign trade; export-oriented units; export of projects and consultancy services; Free Trade Zones in India; foreign collaboration and joint ventures abroad; export-import financing institutions. (12hrs)

**Module IV:** Export and Import Procedures-central excise clearance-customs clearance-role of clearing and forwarding agents-shipment of export cargo-export credit-export credit guarantee and policies-forward exchange cover-finance for export on deferred payment terms -duty drawbacks . (14 hrs)

**Module V:** Identification of Global Markets –sources of information-marketing strategy-agencies promoting and supporting foreign trade. (10hrs)

**Book Recommended:**

1. Verma M.L. *Foreign Trade Management in India*, Vikas Publishing House, New Delhi.
2. Mahajan V.S. *India's Foreign Trade and Balance of Payments*, Deep & Deep Publications Pvt. Ltd., New Delhi.
3. Varshney R.L. *India's Foreign Trade*, Kitab Mahal, Allahabad.
4. Sindhvani. *The Global Business Game*, Macmillan India Ltd., New Delhi.
5. Mithani D.M. *International Economics: Theory and Practice*, Himalaya Publishing House, Mumbai.
6. Chadha G.K. *WTO and Indian Economy*, Deep & Deep Publications Pvt. Ltd., New Delhi.
7. Batra G.S. and Dangwal R.C. *International Business: New Trends*, Deep & Deep Publications Pvt. Ltd., New Delhi.
8. Warren J. Keegan. *International Marketing*, PHI, New Delhi.
9. John Payerwaether. *International Marketing*, PHI, New Delhi.
10. *IIFT Dictionary of Shipping and Chartering terms*
11. *IIFT Freight Tariffs and Practices of Shipping Conferences*

**Elective course IV: Stream1- Finance**  
**CO1661.1-TAXATION LAW AND ACCOUNTS**

No of instructional hours: 5

No of credits: 4

**Aim of the course:** To equip the students with the practical skill and knowledge of Income Tax and fundamentals of GST

**Course objectives:**

1. To enable the students to understand the provisions of Income Tax for computing Total Income and Tax liability of various persons.
2. To familiarise the students with the procedure of Income Tax Assessment
3. To provide students the basic knowledge of Goods and Service Tax

**Module I:** Assessment of Income of different persons: - Hindu Undivided Family-Firms-LLP- Association of Persons- Co-operative Societies- Trusts, Charitable and Religious Institutions (Simple problems including deductions) (20 hrs)

**Module II:** Corporate Taxation: Classification, tax incidence, computation of taxable income and assessment of tax liability-Tax on distribution of profit - Minimum Alternate Tax (MAT) – other provisions relating to company (theory only) (20 hrs)

**Module III:** Assessment Procedure-Types of returns-Due date filing the returns-E-filing-Procedure for E-filing of returns -Different forms for filing the return- Demand, Recovery, Assessment, appeal, revision, and settlement-Types of Assessment-Liability for E Commerce transactions- PAN-

Procedure for the application of PAN-TAN-Methods of Tax collection- TDS-TCS-Advance payment of Tax (20 hrs)

**Module IV:** -Income Tax authorities and their powers—Penalties and prosecutions applicable to individual assessee (theory only) - procedure for the imposition of penalty fines and prosecution-concepts of tax planning-tax avoidance-tax evasion (15hrs)

**Module V:** - Goods and Service Tax – Introduction- background of GST-GST Models-Registration of dealers-Administration of GST-Chargeability-Rate of Tax –Computation of VAT-GST - filling of returns (Simple problems) (15 hrs)

**Recommended Practicals**

1. Acquire practical knowledge on filing of returns including E-Filing.
2. Acquire practical knowledge on the procedure of applying for PAN.
3. Acquire practical knowledge on GST registration.

**Recommended books:**

1. Mehrotra HC and Goyal SP: *Income Tax –Law and Practice*, Sahitya Bhavan Publications, Agra
2. Vinod K Singhania and KapilSinghania: *Direct Taxes-Law and Practice*-Taxman Publications Pvt Ltd, New Delhi
3. Gaur V B and Narang D B: *Income Tax – Law and Practice*, Kalyani Publications, New Delhi
4. Lal BB: *Income Tax Law and Practice*, Konark Publications Pvt Ltd, New Delhi
5. Mahesh Chandra, Goyal SP and Shukla D C: *Income Tax –Law and Practice*, Pragati Publications, New Delhi
6. Mehrotra HC and Goyal SP: *Indirect Tax – Law*, Sahitya Bhavan Publications, Agra
7. Income Tax Act.
8. Goods and services Tax Act.

**Elective Course IV: Stream 2 -Co-operation  
CO 1661.2 - CO-OPERATIVE ACCOUNTING**

No. of instructional hours per week: 5

No. of credits: 4

**Aim of the course:** To impart knowledge about the system of maintaining books and accounts in co-operatives and to develop the skill in undertaking co-operative audit.

**Course objectives:**

1. To familiarise the students with the special features of accounting and audit in co-operatives.
2. To enable the students to understand the procedures of co-operative audit.

**Module 1:** Co-operative Accounting- meaning, importance, special features of co-operative accounting. – Books and Registers kept by co-operatives as per Kerala Co-operative Societies Act and Rules (12 hrs)

**Module II:** - Sources of funds – State aid to Co-operatives- share capital contribution – principal state partnership fund – subsidiary state partnership fund – grants – subsidies – owned funds – borrowed fund. International institutions supporting Co- Operative development – international Co-Operative Alliance. International Labour Organisation. Food AND Agricultural Organisation. **Management of over dues** –causes of over dues and remedies- recovery ethics- important recommendations of Dates Committee on over dues- Non - Performing assets – assets classification – income recognition and provisions –Norms – Capital Adequacy Norms.(20hrs)

**Module III:** - Trial Balance - Preparation of Trial balance of- District Co-operative Bank, State Co-operative Bank, Agricultural and Rural Development Banks. Preparation of Receipts and Disbursement statement of Primary Societies- PACS, consumer, marketing, housing, dairy,



fishery, industrial, processing societies - Practical problems. (20hrs)

**Module IV:** - Final Accounts - Statutory forms - preparation of Trading, Profit and Loss Account and Balance Sheet of consumer, marketing, housing, dairy, primary agricultural credit societies and Primary Agricultural and Rural Development Banks. Disposal of Net Profit – statutory and non-statutory requirements.(18 hrs)

**Module V:-** Cooperative Audit - Definition – objectives - scope – advantage - difference between audit of co-operative societies and joint stock Companies – special features of co-operative audit – administrative set up for co-operative audit – types of audit - preparations for audit and framing of audit programme –stages of practical audit – mechanical audit, administrative audit, preparation of final statements – reconciliation of bank accounts - Co-operative auditor – duties , powers and liabilities – Audit report – Audit certificate – Audit classification – assessment and levy of audit fees. (20 hrs)

**Recommended practical**

1. Visit a few credits societies and examine how over dues are managed and list the volume as well as the reasons of over dues if any. Also examine the methods adopted for the recovery.
2. Collect the final accounts of two or three types cooperative banks and examine the differences if any.

**Books Recommended:**

1. Krishnaswami O.R. *Co-operative Account Keeping*, Oxford & IBH Publishing Co., New Delhi.
2. Krishnaswami O.R. *Co-operative Audit*, Oxford & IBH Publishing Co. New Delhi.
3. Saminddin, MahfoozurRahman and HifzurRehman .*Co-operative Accounting and Auditing*, Himalaya Publishing House, Mumbai.
4. Khandelwal M.C. *Co-operative Audit X-Rayed*, Pitaliya, PustakBhandar, Jaipur.
5. Department of Co-operation, Government of Kerala : *Co-operative Audit Manual*.

**Elective Course IV: Stream 3: Travel and Tourism**

**CO 1661.3 TRAVEL AGENCY, TOUR OPERATION AND AIRLINE MANAGEMENT**

**No. of hours: 5 hours per week**

**No. of credits – 4**

**Objectives:**

1. To provide a comprehensive knowledge of the inner working mechanism of the travel agency.
2. To impart knowledge on the skills necessary for tour operation business.

**Module 1:** Travel trade – History and development of travel agency, functions, travel agent, types, responsibilities – source of income of a travel agent- setting up of travel agency; Role of IATA and approval – approval from the Government. (15 hrs)

**Module 2:** Travel agency and tour operations – Difference between travel agent and tour operator – linkages and arrangements with hotel - travel agencies and airlines - tour escorts and guides(10 hrs)

**Module 3:** Organization structure of a travel agency – Information counseling, ticketing, Documentation, staffing, directing, planning, organizing, and controlling (10 hrs)

**Module 4:** Tour operation – concept and nature of tour operation – functions – types of tour operations – type of tour operators Itinerary development – Meaning and definition – types of itineraries – reference tool for Itinerary development – Meaning and definition – types of itineraries – reference tool for itinerary preparation – development of effective itinerary - Resources and Steps

for Itinerary Planning - Do's and Do Not's of Itinerary Preparation- Tour Costing: Tariffs, FITS & GITS. Confidential Tariff. Packaging: Types and Forms of Package Tour. (25 hrs)

**Module 5:** Airline Management -International aviation organization (icao) iata traffic conference areas airline their codes- international time calculation- international dateline- standard time - local time. Air travel policies and passenger care flight distances- passenger capacity and seating- food - reservation policies towards children/infants/ disabled/restricted, passengers- standard by travel cancellation and delays - baggage allowance -International Travel Counter; Services provided by International Counter; Government rules on International Travels. (30 hrs)

**Practicals:**Preparation of list of famous travel agents and tour operators, Preparation of itineraries, Preparation of codes used in airlines.

### **Books Recommended**

1. JagmohanNegi (2006); *Travel Agency and Tour Operations*, Kanishka Publishers, New Delhi
2. Mohinder Chand (2009); *Travel Agency and Tour Operations: An Introductory Text*, Anmol Publications Pvt. Limited, New Delhi
3. Dennis L Foster – *Introduction to Travel Agency Management* 4. Pat Yale(1995); *Business of Tour Operations*, Longman Scientific & Technical, New Delhi
4. Laurence Stevens(1990); *Guiding to Starting and Operating Successful Travel Agency*, Delmar Publishers
5. Jane Archer,(2006); *Manual of Travel Agency Practice* – Butterworth Heinemann Pub, London
6. Betsy Fay ; *Essentials of Tour Management* –Prentice Hall; Mark Mancini: *Conducting tours*
7. Mark Mancini (1996); *Conducting Tours*, Delmar Thomas, New York
8. H A Rogers and J A Slinn- *Tourism Management of Facilities*
9. Lickorish L J and Kershaw A G – *The Travel Trade*, Practical Press

### **Elective Course IV: Stream 4 - Insurance and Banking CO 1661.4 - PRACTICAL BANKING**

No. of instructional hours per week: 5No. of credits: 4

**Aim of the course:** To expose the students to the different dimensions of the emerging initiatives in banking.

#### **Course objectives:**

1. To familiarise the students with the emerging aspects in banking.
2. To equip the students to have a practical insight in banking operations.

**Module I:** Risk Management- Capital adequacy and CAR- Risk management under Basel I and Basel-II- Risk weighted assets- Management of Risk and financial control. (15hrs)

**Module II:** Retail Banking- Products and services- Retail banking business and its composition- housing loans, vehicle loans, personal loans and education loans. Computation of interest- fixed rate and floating rate, EMI- value added services. (20hrs)

**Module III:** Asset Liability Management- Matching assets and with liabilities- bucket concept, mismatch between assets and liabilities- Principles for sound ALM- Guidelines of Central Bank.(15 hrs)

**Module IV:** Recovery Management- Principles for sanctioning of loans- margin requirements- Repayment systems- Management of NPAs- standard, substandard and loss assets- Provisioning for NPAs- Ever greening of loans- dealing with default. (20hrs)

**Module V:** General Utility Services of Banks- conventional services- locker, references, compliance with standing instructions- Modern services- linkage with other financial Institutions- insurance, mutual fund, capital market, guarantee for foreign trade, merchant banking services. (20 hrs)

**Recommended Practicals:**

1. Visit any bank branch and collect data on the various products offered.
2. Study the procedure of Internet banking and Mobile banking and document it.
3. Collect cheques with different types of crossing and examine the differences.
4. Collect data on the management of NPAs adopted by various banks.

**Books Recommended:**

1. Indian Institute of Banking and Finance .*Risk Management*
2. Indian Institute of Banking and Finance. *Banking Products and services*
3. Indian Institute of Banking and Finance .*Management of Non Performing Advances*
4. Gopalakrishnan T.V. *Management of Non- Performing Advances* ,Macmillan India Ltd., Delhi.
5. Radhaswami M .*Practical Banking*, Sultan Chand & Sons , New Delhi.
6. Ashish Parthasarthy .*Theory and Practice of Treasury and Risk Management in Banks* ,Taxmann Publications Pvt. Ltd., New Delhi.
7. Mundra S.S .*Theory and Practice of Treasury and Risk Management in Banks*, Taxmann Publications Pvt. Ltd., New Delhi.
8. Ajayakumar .*Risk Management*, Macmillan India Ltd., New Delhi.
9. Chatterjee. D.P. *Risk Management*, Macmillan India Ltd., New Delhi.
10. Chandrasekhar C. *Risk Management*, Macmillan India Ltd., New Delhi.
11. Pain P.K .*International Banking : Legal and Regulatory Aspects*, Macmillan India Ltd., New Delhi.
12. Pathe P.M. *International Banking : Legal and Regulatory Aspects* , Macmillan India Ltd., New Delhi.

**Elective Course IV: Stream 5 -Computer Application  
CO 1661.5 - COMPUTERISED ACCOUNTING**

No. of instructional hours per week: 5 (1 hour theory and 4 hours practical) No. of credits: 4

Aim of the course: To update and expand the skills in the application of accounting packages.

Course objectives:

1. To expose the students to computer application in the field of Accounting.
2. To develop practical skills in the application of Tally Package.

**Module I:** Company creation and set-up of accounts in Tally (8.1 or higher version) Startup Tally, Quitting Tally, Creation of a Company, Alteration, deleting, and shut a Company - concepts of Grouping of Accounts – Predefined account groups, display or alter groups. Creating Ledger Accounts – Predefined ledger accounts, creation, display, alter and deleting ledger accounts - Inventory – items, groups, units, creating a single stock group, creating a multiple stock group, stock items. (10 Hrs)

**Module II:** Accounting vouchers and its advanced usages - Vouchers, Types of Vouchers used in Tally, Creation of Voucher type, Types of accounting Vouchers , Accounting Features, Maintaining

Bill-wise Details, Cost centre and cost category, interest calculation, Reversing journals and optional voucher, Memorandum Voucher - Inventory vouchers – delivery note, physical stock voucher, purchase order, sales order, receipt note, rejection in, rejection out, stock journal, Stock category, bill-wise details, multiple Godowns, different and actual bill quantity- Working with payroll info menu- payroll configuration and pay head creation- pay roll vouchers- payroll reports. (30 Hrs)

**Module III:** Books of accounts and its advanced usages - Cash book, Bank book, Journal Register, Ledger, Purchase, Register, Sales Register, Stock item, Stock group summary, movement analysis, sales order, purchase order, location wise stock reports, stock query, branch accounting, flexible invoicing, discount in invoicing, price list, bank reconciliation, manufacturing account (20 Hrs)

**Module IV:** Financial Management - TDS, Generation and Reconciliation of TDS Challans, Filing e-TDS return, Calculation of VAT in Tally - Fund flow, receivables turnover, budgeting and controls, variance analysis, ratio analysis, calculating key financial ratios(20 Hrs)

**Module V:** Report Generation and Printing - Display of Trial balance, profit and loss accounts, balance sheets, consolidated statements companies/branches. Printing options, quick format, printing reports, printing of primary books, printing of registers, printing of outstanding statements, printing of inventory books (10 Hrs)

**Recommended Practicals:** Application of Tally - creation of companies; creation of primary groups, secondary groups; creation of ledgers; creation of inventory – items, groups, units etc.; Creation of different types of vouchers; bills wise details; interest calculation, creation of godowns; Preparing, display and alter books of accounts, preparing stock reports, stock query, branch accounts, invoices, and price list and bank reconciliation statement.; Creating payroll vouchers in TALLY; Generating fund flow statements, ratio analysis statements, budgets; preparation of TDS return. ; Generating Trial balance, Profit and Loss Accounts, Balance Sheets, consolidated statement of companies.

**Books Recommended:**

1. Institute of Computer Accountants .*Tally*, Vikas Publishing House, New Delhi.
2. Tally Academy .*Tally Manual*.
3. TALLY 9 Upto release 3.0, Computech Publications Ltd., New Delhi.