



**UNIVERSITY OF CALICUT**

**REGULATIONS GOVERNING BACHELOR OF  
COMMERCE DEGREE PROGRAMME UNDER  
CBCSSUG 2019**

**EFFECTIVE FROM ACADEMIC YEAR 2019-20 ADMISSIONS**

## UNIVERSITY OF CALICUT

### REGULATIONS GOVERNING BACHELOR OF COMMERCE DEGREE PROGRAMME UNDER CBCSSUG 2019 EFFECTIVE FROM ACADEMIC YEAR 2019-20 (B.COM ADMISSIONS 2019-20)

#### 1.0 Title of the Programme

This DEGREE shall be called BACHELOR OF COMMERCE (B.Com).

#### 2.0 Eligibility for admission

Any candidate who has passed the Plus Two of the Higher Secondary Board of Kerala or Pre Degree of Calicut University or that of any other University or Board of Examinations in any state recognized as equivalent to the Plus Two of the Higher Secondary Board in Kerala, with not less than 45% marks in aggregate is eligible for admission, However, SC/ST, OBC and other eligible communities shall be given relaxation as per University rules.

#### 3.0 Duration of the programme

The duration of the B.Com programme of study is three academic years with six semesters.

#### 4.0 Medium of Instruction

The medium of instruction and examination shall be English.

#### 5.1 Courses of study

Total number of courses (other than audit courses ) for the whole B.Com Programme is 31. It is divided in to courses namely:-

1. Common courses
2. Core courses
3. Complementary courses and
4. Open courses

The course of study leading to the award of B.Com shall comprise the following:-

#### 5.2 Semester I

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM1A01(English)	4	3	15	60	75
Common	BCM1A02 (English)	5	3	15	60	75
Common	BCM1A07 (Language)	5	4	20	80	100
Core	BCM1B01 Business Management	6	4	20	80	100
Compl.	BCM1C01 Managerial Economics	5	4	20	80	100
	Total	25	18	90	360	450

**Semester II**

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM2A03 (English)	4	4	20	80	100
Common	BCM2A04 (English)	5	4	20	80	100
Common	BCM2A08 (Language)	5	4	20	80	100
Core	BCM2B02 Financial Accounting	6	4	20	80	100
Compl.	BCM2C02 Marketing Management	5	4	20	80	100
	Total	25	20	100	400	500

**Semester III**

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM3A11 Basic Numerical Methods	5	4	20	80	100
Common	BCM3A12 Professional Business Skills	5	4	20	80	100
Core	BCM3B03-Business regulation	4	4	20	80	100

Core	BCM3B04 Corporate Accounting	6	4	20	80	100
Compl.	BCM3C03 Human Resources Management	5	4	20	80	100
	Total	25	20	100	400	500

**Semester IV**

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Common	BCM4A13 Entrepreneurship Development	5	4	20	80	100
Common	BCM4A14 Banking and Insurance	5	4	20	80	100
Core	BCM4B05 Cost Accounting	6	4	20	80	100
Core	BCM4B06 Corporate Regulations	4	4	20	80	100
Compl.	BCM4C04 Quantitative Techniques for Business	5	4	20	80	100
	Total	25	20	100	400	500

## Semester V

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM5B07 Accounting for Management	5	4	20	80	100
Core	BCM5B08 Business Research Methods	4	4	20	80	100
Core	BCM5B09 Income Tax Law and Accounts	5	4	20	80	100
Core	BCM5B10 Course in Specialisation	4	4	20	80	100
Core	BCM5B11 Course in Specialisation	4	4	20	80	100
Open	BCM5D01 Open Course (For students from other Departments)	3	3	15	60	75
	Total	25	23	115	460	575

## Semester VI

Course	Title	Contact Hours	Credits	Internal	External	Total Marks
Core	BCM6B12 Income Tax and GST	6	4	20	80	100
Core	BCM6B13 Auditing and Corporate Governance	5	4	20	80	100
Core	BCM6B14 Course in Specialisation	5	4	20	80	100
Core	BCM6B15 Course in Specialisation	5	5	20	80	100
Core Project	BCM6B16 (PR) Three Weeks Project and Viva-Voce	4	2	15	60	75
	Total	25	19	95	380	475

### Core Courses in the area of Specialization:

#### A. Finance

1. Financial Markets and Services
2. Financial Management
3. Fundamentals of Investments
4. Financial Derivatives

#### B. Banking and Insurance

1. Banking Services Management
2. Insurance Management
3. Foreign Exchange Management
4. Risk Management and Insurance

#### C. Co - operation

1. Co-operative Theory and Practice
2. Legal Environment For Co-operatives
3. International Co-operative Movement
4. Co-operative Management and Administration

#### D. Computer Applications

1. Computer Applications in Business
2. Business Information Systems
3. Office Automation Tools
4. Computerized Accounting with Tally

## **E. Travel and Tourism**

1. Tourism Principles And Practices
2. Tourism Product And Promotion
3. Tourist Transport And Tour Operation
4. Hospitality Management

## **F. Islamic Finance**

1. Introduction to Islamic Commercial Banking
2. Fundamentals of Islamic Commercial Law
3. Foundations of Islamic Accounting Theory and Practice
4. Islamic Investment Funds and Insurance

## **Open Courses (For students from other departments)**

1. E- Commerce
2. Basics of Entrepreneurship and Management
3. Basic Accounting

**5.3 Four Common Courses** (BCM3A11 Basic Numerical Skills, BCM3A12 General Informatics, BCM4A13 Entrepreneurship Development BCM4A14 Banking and Insurance), all the Core Courses, Complementary and Open Courses for B.Com Programme shall be taught by Commerce Faculty only. However, the core courses under the specialization Islamic Finance shall be taught by Commerce Faculty or teachers having M.A Islamic Finance or M.A Islamic Economics or M.A Economics with Islamic Finance qualifications.

## **19. Project Report**

19.1 For doing the project, the student may choose any topic areas from the subjects he/she has studied.

19.2 The candidate shall prepare and submit a project report to the Department.

19.3 The report shall be in English with not less than 30 pages, printed or typed (A4 size paper, 1.5 line spacing, Times New Roman font, font size 14) and spiral bound.

The project report should be submitted to the Head of the Department one week before the last working day of the sixth semester, duly certified by the Guide.

19.4 Project work shall have the following stages:

- Project proposal presentation
- Field work and data analysis
- Report writing
- Draft project report presentation
- Final project report submission

19.5 The project can be done individually or as a group of three students (maximum) on the same topic and present the report. However, the project supervisor should make sure that each student constructively contributes to the completion of the project. For this purpose the

supervisor shall keep a diary in which the chronological record of the students visit to the supervisor for the project discussions shall be maintained. The work of each student shall be guided by one Faculty member.

19.6 The candidate shall prepare at least two copies of the report; one copy for submission to the Department and another copy for the student which he/she has to bring with him/her at the time of viva voce. More copies may be prepared if the organization or the guide or both ask for.

19.7 Duration of project work: The duration of the project work shall be 3 weeks.

19.8 A certificate showing the duration of the project work shall be obtained from the supervising teacher or from the organization for which the project work was done and it shall be included in the project report.

19.9 Structure of the report

Title page

Declaration of the student

Certificate from the supervising teacher / organization (for having done the project work)

Acknowledgements

Contents:-

Chapter I	:	Introduction (Organization profile, Research problem, Objectives of the study, Research methodology etc.)
Chapter II	:	Review of Literature
Chapter III	:	Theoretical Framework
Chapter IV	:	Data Analysis
Chapter V	:	Findings, Suggestions and Conclusion.
Appendix	:	(Questionnaire, specimen copies of forms, other exhibits etc.)

Bibliography	:	(books, journal, articles etc. used for the project work).
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19.10. Evaluation of project report

The project report shall be subject to internal and external evaluation. The internal evaluation shall be carried out by the supervising teacher and external evaluation is done jointly by the internal examiner and the external examiners appointed by the University inclusive of Viva-voce examination. The marks should be awarded on the basis of the following:-

1. Evaluation of the Project Report shall be done under Mark System. Marks secured for the project will be awarded to candidates, combining the internal and external Marks.
2. The internal to external components is to be taken in the ratio 1:4. Assessment of different components may be taken as below:

Internal (20% of total)		External (80% of Total)	
Components	% of Marks	Components	% of Marks

Punctuality	20	Relevance of the Problem, Objectives of the study, Research methodology used, etc,	20
Use of Data	20	Quality of analysis, Statistical tools used, Findings, Recommendations and conclusion	30
Scheme/Organization Report	30	Viva-Voce	50
Viva-Voce	30		
Total	100	Total	100

3. Submission of the Project Report and presence of the student for viva are compulsory for internal evaluation. No marks shall be awarded to a candidate if she/he fails to submit the Project Report for external evaluation.

4. The student should get a minimum of 40 % marks in the aggregate and 40% separately for external for pass in the project.

5. There shall be no improvement chance for the Marks obtained in the Project Report.

6. In an instance of inability of obtaining a minimum of 40% marks, the project work may be re- done and the report may be re-submitted along with subsequent exams through the department, as per the existing rule of the University examinations.

### **19.11 Viva-Voce**

At the end of sixth semester candidate shall attend a project based viva voce. The external evaluation of 12 to 15 students per day is to be conducted with one external examiner and one internal examiner. The examiners shall consult each other and award the grades according to the same criteria specified in 19.10 for the award of marks.

### **19.12. Industrial Visit**

The fourth semester students of affiliated colleges shall be taken under the supervision of faculty members to business or industrial units so as to enable them to have first-hand knowledge about the location, layout, managerial functions, H R management or any area of study as per curriculum. Study tour to an industrial/business centre will form part of curriculum. The report submitted by the student in this respect shall be considered as one of the assignments of the course Entrepreneurship Development or any other course in the fourth semester.

## **UNIVERSITY OF CALICUT**

### **SYLLABUS OF BACHELOR OF COMMERCE DEGREE PROGRAMME UNDER CBCSSUG EFFECTIVE FROM THE 2019-20 BATCH B.COM ADMISSIONS**

#### **CORE COURSES**

#### **BCMIB01 BUSINESS MANAGEMENT**

Lecture Hours per week: 6, Credits-4

Internal – 20, External – 80, Examination 2.5 Hours

Objectives:

→ To understand the process of business management and its functions.

- To familiarize the students with current management practices
- To understand the importance of ethics in business
- To acquire knowledge and capability to develop ethical practices for effective management.

## **Module I**

Concepts of Management – Characteristics of management – Schools of management thought - Management and administration – Management by objectives – Management by participation – Management by exception – Management by motivation - Functions of management – Planning– Organizing - Departmentation – Delegation (25 Hours, 20 marks)

## **Module II**

Functions of Management:– Motivation: – concept and importance – Contributions of McGregor, Maslow and Herzberg – Leadership – Concept and styles – Leadership traits - Communication – process and barriers – Control – concept - steps – tools – Coordination – Concept, Principles, Techniques. (20 Hours, 15 marks)

## **Module III**

Business Ethics:– Ethics and Morality – Theories of ethics: Teleological theory – Deontological theory –Virtue theory – Types of ethics – Meaning and scope of business ethics - Characteristics – Objectives of Business Ethics - Factors influencing business ethics – Arguments for and against business ethics – Different views of business ethics - The Separatist View, The Unitarian View, The Integration View, Ethical issues in global business. (20 Hours, 20 marks)

## **Module IV**

Corporate Social Responsibility (CSR): Meaning and definition - History of CSR activities – Concept of Corporate citizenship - Need and importance of CSR – Stakeholders of CSR – Steps in the implementation of CSR activities – CSR and business ethics - CSR and corporate governance – CSR initiatives in India. (18 hours, 15 marks)

## **Module V**

Emerging concepts in management – Kaizen – TQM – TPM – MIS – ISO – Change management – Stress management – Fish bone (ISHIKAWA) Diagram – Holacracy - Rank & Yank - 20% time - Gamification - Flexi-working - Business eco system – Logistic management. (13 Hours, 10 marks)

## **Reference Books:**

1. Boatwright. John R: Ethics and the Conduct of Business, Pearson Education, New Delhi.
2. Gupta. CB; Business management, Sultan Chand & sons
- 3 Koontz, H and Wehrick, H: Management, McGraw Hill Inc, New York.
- 4 Prasad. LM; Principles and Practicd of Management; Sultan Chand & sons
- 5 Stoner. AF and Freeman RE; Management; Prentice Hall of India
- 6 Drucker, Peter, F., Management: Tasks, Responsibilities and Practices, Allied Publishers, New Delhi.



5. R.S Davar; Management Process
6. Rustum & Davan, Principles and Practice of Management.
7. Srinivasan & Chunawalla, Management Principles and Practice.
8. S. V. S. Murthy. Essentials of Management.
9. Stoner, Freeman & Gilbert, Jr.: *Management*, Prentice Hall of India Private Limited, New Delhi.
10. Tripathy & Reddy: *Principles of Management*, Tata McGraw-Hill Publications, New Delhi.
11. Stephen P. Robbins: *Organizational Behaviour*, Prentice Hall of India Private Limited, New Delhi.
12. Udai Pareek: *Understanding Organizational Behaviour*, Oxford University Press, New Delhi.
13. S. S. Khanka: *Organizational Behaviour: Text and Cases*, S. Chand & Company Limited, New Delhi.

## **BCM2B02 FINANCIAL ACCOUNTING**

Lecture Hours per week: 6 Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

### **Objectives:**

- To equip the students with the skills of preparing financial statements for various type of organizations.
- To enable the students to acquire knowledge about financial reporting standards and to understand corporate accounting methods.

### **Module I**

Single Entry System of Accounting: Definition – Objectives - Advantages- Limitations- Distinction between Double entry and Single entry- Types of Single entry- Determination of Profit or Loss under single entry- Statement of Affairs/ Capital comparison method- Distinction between Balance Sheet and Statement of Affairs- Distinction between Profit and loss account and Statement of Profit and Loss- Conversion method- Practical Problems.

(16 Hours, 15 marks)

### **Module II**

Company Accounts- Issue of Shares:

Introduction- Books of accounts maintained by companies- Share Capital- Phases of capital- Difference between Reserve capital and Capital Reserve- Shares and types of shares- Equity and Redeemable Preference shares - Convertible Cumulative Preference Shares (CCP shares) Sweat Equity shares- Employees Stock Option Scheme (Theory only)- Private Placement of shares- Issue of shares- Procedures- Minimum Subscription- Shares issued for consideration- Shares issued for consideration other than cash- Issue of shares at par and premium (issue at discount, not to be taught)- Treatment of Fraction shares- Application, Allotment and Calls on Shares- Share capital allotment- Calls in arrears and calls in advance- Interest on calls in arrears and calls in advance- Difference between calls in arrears and calls in advance- Oversubscription and under subscription- Pro-rata allotment- Forfeiture and reissue of shares- Annulment of forfeiture- Surrender of shares- Distinction between forfeiture and surrender- Journal entries- Practical problems.

(30 Hours, 25 marks)

### **Module III**

Accounting for issue of Debentures:

Definition – Types of debentures- Issue of Debentures- For cash, for consideration other than cash and issued as collateral security- Fraction debentures- Distinction between share and

debenture- Terms of issue of debentures- Interest on debentures- Journal entries- Practical problems. (10 Hours, 10 marks)

#### **Module IV**

Convergence to International Financial Reporting Standards:

Meaning of Accounting Standards- need and importance of global accounting standards- Role of IASB in developing IFRS – components of IFRS (IAS,IFRS,IFRIC and SIC)- process of setting IFRS –Conceptual Framework and its contents – Definition of elements in financial statements- Criteria or principles of recognition, measurement, presentation and disclosure-convergence to IFRS- Emergence of Ind AS – Standard setting process in India – Role of NFRA –Entities required to adopt Ind AS- Role of FASB in developing US GAAP- Difference between Ind AS and IFRS. (18 Hours, 15 marks)

#### **Module V**

Ind. AS / IFRS complied Financial Statements of Companies (Ind AS1): Preparation of final accounts under new format (SOPL, SOCE and SOFP – excluding SOCF) - Treatment of adjustment items such as Corporate Dividend Tax- Transfer to Reserve- Provision for taxation- TDS on Interest income, implied adjustment of interest on loans and other usual adjustment items such as depreciation, Closing stock, provisions, outstanding, prepaid, accrued, and received in advance - Practical problems. (22 Hours, 15 marks)

(Theory and problems may be in the ratio of 30% and 70% respectively)

#### **Reference Books:**

1. S.N. Maheshwari: Financial Accounting.
2. M.C. Shukla, T.S. Grewal and S.C. Gupta, Advanced Accounts, S.Chand& Co., New Delhi.
3. Naseem Ahmed, Nawab Ali Khan and M.L.Gupta: Fundamental of Financial Accounting, Ane Books Pvt. Ltd, New Delhi.
4. Grewal and Gupta: Advanced Accounting
5. Dr Goyal V.K., Financial Accounting, Excel Books, New Delhi.
6. R.L. Gupta and Radhaswamy, Advanced Accounting, Sultan Chand & Sons, New Delhi.
7. R.K.Malhotra: Financial Management in Hotels and Restaurant Industry, Anmol Publishers
8. S.Kr. Paul: Advanced Accounting
9. B.S. Raman, Advanced Accountancy.
10. Jain & Narang: Financial Accounting
11. Ashok Sehgal and Deepak Sehgal: *Advanced Accounting, Volume 1*, Taxmann, New Delhi.
12. Chintal Patel, Bhupendra Mantri, India Accounting Standards, Taxmann Publications.
13. T.P. Ghosh, Illustrated Guide to India Accounting Standards, Taxmann Publications.

### **BCM3BO3 BUSINESS REGULATIONS**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

#### **Objectives:**

> To familiarize the students with certain statutes concerning and affecting business organizations in their operations.

#### **Module I**

Business Laws : Introduction - Nature of Business Law - Meaning and definition -Indian Contract Act, 1872: Contract - Definition - Essentials of valid contracts - Classification of contracts - Offer and acceptance - Consideration - Capacity to contract - Free consent - Coercion - Undue influence - Misrepresentation - Fraud - Mistake - Void agreements - Discharge of contract - Breach of contract and remedies - Contingent contracts -Quasi contracts.  
(20 Hours, 30 marks)

## **Module II**

Special Contracts: Contract of Indemnity: Meaning - Nature - Right of indemnity holder and indemnifier - Contract of Guarantee: Meaning - Nature - Rights and liabilities of surety - Discharge of surety from liability - Contract of Bailment and Pledge: Rights and duties of bailor and bailee, pledger and pledgee - Contract of Agency - Creation of agency - Delegation of authority - Duties and liabilities of principal and agent -Termination of agency.  
(20Hours, 18 marks)

## **Module III**

Sale of Goods Act 1930: Contract for sale of goods -Essentials of a contract of sale - Conditions and Warranties - Caveat emptor - Sale by non-owners - Rules as to delivery of goods - Un paid seller and his rights.  
(10 Hours, 12 marks)

## **Module IV**

The Consumer Protection Act 1986: Objects and scope - Definition of consumer and consumer dispute - Complaint - Goods - Service - Unfair trade practices - Restrictive trade practices - Rights of consumers - Consumer Protection Council - Consumer Disputes Redressal Agencies.  
(7 Hours, 10 marks)

## **Module V**

The limited liability partnership Act 2008 – Salient features – Distinction with partnership and company – LLP agreement – partners and designated partners – incorporation document – Extent and limitation of liability of LLP and partners.  
(7 Hours, 10 marks)

### **Reference Books:**

1. Singh Avtar, The Principles of Mercantile Law , Eastern Book Company, Lucknow.
2. Kuchal M.C, Business Law , Vikas Publishing House, New Delhi
3. Kapoor N.D, Business Law , Sultan Chand & Sons, New Delhi.
4. Chandha P.R , Business Law.
5. S.S. Gulshan, Business Laws.
6. B. Sen and Mitra, Business and Commercial Laws.
7. Chandha P.R, Business Law, Galgotia, New Delhi.
8. Balchandani, Business Laws.
9. Desai T.R., Indian Contract Act, Sale of Goods Act and Partnership Act, S.C. Sarkar & Sons Pvt. Ltd. Kolkata.

## **BCM3 BO4 CORPORATE ACCOUNTING**

Lecture Hours per week: 6, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

### **Objectives:**

To help the students to acquire conceptual knowledge of the fundamentals of the corporate accounting and the techniques of preparing the financial statements.

### **Module I**

a. Redemption of Debentures:

Meaning- Writing off of Discount on issue and loss on issue of debenture- Methods of redemption- Annual drawings out of profit and capital (New regulation to be taught)- Debenture redemption reserve- Lump sum payment- Sinking funds and Insurance Policy (Theory only)- Purchase of own debentures- For cancellation, Investment and Reissue- Ex-interest and Cum-interest- Redemption by conversion- Journal Entries.

b. Redemption of Preference Shares:

Provisions for redemption- Sources used for redemption- Capital redemption reserve- Journal entries

c. Bonus Shares:

Cash Bonus- Capital bonus- provisions for the issue of bonus shares- Sources of bonus issue- Advantages of bonus issue- Journal entries.

d. Buy back of shares:

Meaning- Provisions for issue- Sources of buyback- Advantages of buyback- Book building - Journal entries.

e) Right Issue: Right of pre-emption – Calculation of value of right (30 Hours, 25 marks)

### **Module II**

Banking Companies:

Meaning of banking- Slip system of ledger posting- Important terms used- Revenue recognition in banks- Rebate on bills discounted with problems- Interest on doubtful debts with problems- Non-Performing Assets- Classification- Provisions for NPA(problems) - Final accounts of banking companies in the new form- Practical Problems. (18 Hours, 15 marks)

### **Module III**

Accounts of Life Insurance:

Meaning of life insurance- Features- Types of life insurance- Important terms used- Adjusting entries- Calculation of Life fund with problems- Determination of profit of life business and net bonus payable- Problems- Preparation of final accounts of life business in the new form- Practical Problems. (18 Hours, 15 marks)

### **Module IV**

Consolidated Financial Statements (Ind AS 110): Group Companies and Group Structures– need for consolidation – Calculation of pre-acquisition Calculation of profit- Post-acquisition profit- Calculation of Non-Controlling Interest – Calculation of Cost of Control (Goodwill ) or Capital Reserve- Preparation of Consolidated Balance Sheet without adjustments (simple problems) (20 Hours, 15 marks)

#### Module V

Important Disclosure based accounting standards: Earnings per share(Basic and Diluted) Ind AS 33 – Segment Reporting Ind AS 108- Events after Reporting Period (Adjusting and Non adjusting) Ind AS 10- Related party transactions Ind AS 24 - Changes in accounting policies, accounting estimates and errors Ind AS 8- Interim Financial Reporting Ind AS 34. (10 Hours, 10 marks)

(Theory and problems may be in the ratio of 30% and 70% respectively)

#### Reference Books:

1. Chintal Patel, Bhupendra Mantri, India Accounting Standards, Taxmann Publications.
2. T.P. Ghosh, Illustrated Guide to India Accounting Standards, Taxmann Publications.
3. M.C. Shukla, T.S. Grewal and S.C. Gupta, Advanced Accounts, S.Chand& Co., New Delhi.
4. S.N. Maheshwari and S.K. Maheshwari, Financial Accounting.
5. R.L. Gupta and Radhaswamy, Advanced Accounting, Sultan Chand & Sons, New Delhi.
6. Dr Goyal V.K., Financial Accounting, Excel Books, New Delhi.
7. Ashok Sehgal and Deepak Sehgal, Advanced Accounting, Kalyani Publishers.
8. Jain and Narang, Financial Accounting, Kalyani Publishers.
9. B.S. Raman, Advanced Accountancy.
10. P.C. Tulasian, Introduction to Accounting, Pearson Education.

### BCM4B05 COST ACCOUNTING

Lecturer Hours per week: 6, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To familiarize the students with the various concepts and elements of cost.
- > To create cost consciousness among the students.

#### Module I

Introduction : Definition - Meaning and scope - Objectives - Functions -Merits and Demerits - Cost Accounting and Financial Accounting - Cost classification - Elements of cost - Cost units - Cost centre - Types - Methods and Techniques of Costing . (10 Hours, 5 marks)

#### Module II

Materials : Importance of Material cost control - Purchase Procedure - Store control -Types of Store - Stores Records - Perpetual Inventory-ABC Analysis - VED Analysis-JIT Inventory

- Stock levels - EOQ - Issue of materials - FIFO , LIFO , Simple and Weighted Average methods. (18 Hours, 15 marks)

### **Module III**

Labour and Overheads: Importance of Labour cost control - Time Keeping and Time Booking - Idle Time - Over Time - Computation of Labour cost - Remuneration Systems and Incentive Schemes. Overheads : Definition - Overhead Allocation - Apportionment - Re-Apportionment -Direct distribution - Step Ladder - Reciprocal Service methods - Repeated Distribution and Simultaneous Equation methods - Absorption of overheads - Methods of Absorption - Labour Hour Rate and Machine Hour Rate . (25 Hours, 20 marks)

### **Module IV**

Methods of Costing: Specific order costing: Job costing - Contract costing – Continuous operation costing: Unit Costing - Process Costing (with adjustments of normal and abnormal losses and gains only) - Service costing (only Transport costing) (30 Hours, 30 marks)

### **Module V**

Cost control Techniques:

- A. Budgetary Control: – Budget – Budgeting – Budgetary control - Importance – Need for the preparation of budgets - Types of budgets –Preparation of Cash budget only – ZBB
- B. Standard costing – Standard cost and actual cost – Variance analysis– Types of variances – Cost control by the use of standard costing (only theory – no problems expected). (13 hours, 10 marks)

(Theory and Problems may be in the ratio of 40% and 60% respectively)

### **Reference Books:**

1. Jain & Narang : Cost Accounting
2. Nigam & Sharma : Cost Accounting
3. Khanna Pandey & Ahuja : Cost Accounting
4. M.L Agarwal : Cost Accounting
5. N.K. Prasad : Cost Accounting
6. S.P. Iyengar: Cost Accounting
7. S.N. Maheswari : Cost Accounting
8. Horngren : Cost Accounting : A Managerial Emphasis.
9. M.N.Arora: Cost Accounting
10. Dutta: Cost Accounting

### **BCM4BO6 CORPORATE REGULATIONS**

Lectures Hours per week: 4, Credit – 4

Internal: 20, External: 80, Examination 2.5 Hours

### **Objectives:**

- To familiarise the students with corporate law and to make them aware of the importance of corporate governance in the management of organizations.

### **Module I**

Introduction to Companies Act 2013: Objects of the Act - Salient features of the Act - Meaning and definition of company - Features - Kinds of companies - Private Company - Public company - Associate Company - Dormant Company - One person company - Small Company - Government Company - Lifting of corporate veil. (08 Hours, 10 marks)

## **Module II**

Formation of Companies: Promotion - Role of promoters - Incorporation - Capital subscription - Commencement of business - Pre-incorporation and provisional contracts. Document of companies: Memorandum of Association - Definition - Contents and alteration - Doctrine of Ultravires - Articles of Association - Definition - Contents and alteration - Distinction between Memorandum and Articles - Constructive notice of Memorandum and Articles - Doctrine of Indoor management - Prospectus - Contents - Statement in lieu of prospectus - Liabilities for misstatement. (13 Hours, 18 marks)

## **Module III**

Share Capital : Shares - Kinds of shares - Public issue of shares - Book building - Allotment of shares - Irregular allotment - Issue prices of shares - Listing of shares - Employees stock option scheme - Sweat equity shares - Right shares - Bonus shares - Shares with differential rights - Share certificate and share warrant - Calls - Forfeiture - Surrender of shares - Buyback of shares - De materialization and re materialization of shares - Transfer and transmission of shares - Transfer under Depository system. (18 Hours, 20 marks)

## **Module IV**

Management of Companies : Board and Governance - Directors: Appointment - Position - Powers Rights - Duties and liabilities - Qualification - Disqualification - Removal of directors - Key Managerial Personnel - Introduction to Corporate Governance - Need and importance of Corporate Governance - Corporate social responsibility. (13 Hours, 17 marks)

## **Module V**

Company Meetings and Winding up : Requisites of a valid meeting - Statutory meeting - Annual general body meeting - Extra ordinary meeting - Board meetings - Resolutions - Types - Company Secretary : Qualification - appointment - duties - Winding up : Meaning - Modes of winding up - Winding up by Tribunal - Members' voluntary winding up - Creditors' voluntary winding up - Liquidator: Powers - Duties and liabilities - Consequences of winding up. (12 Hours, 15 marks)

### **Reference Books:**

1. M.C. Shukla & Gulshan : Principles of Company Law.
2. N.D. Kapoor : Company Law and Secretarial Practice.
3. "Manual of Companies Act, Corporate Laws and SEBI Guidelines", Bharat Law House, New Delhi.
4. M.C. Bhandari: Guide to Company Law Procedures.
5. Tuteja : Company Administration and Meetings.
6. S.C. Kuchal : Company Law and Secretarial Practice.
7. Dr. P.N. Reddy and H.R. Appanaiah : Essentials of Company Law and Secretarial

practice, Himalaya Publishers.

8. M.C. Kuchal: Secretarial Practice.
9. Ashok Bagrial: Secretarial Practice.

### **BCM5B07 ACCOUNTING FOR MANAGEMENT**

Lectures Hours per week: 5, Credit – 4

Internal: 20, External: 80, Examination 2.5 Hours

#### **Objectives:**

- To enable the students to understand the concept and relevance of Management Accounting.
- To provide the students an understanding about the use of accounting and costing data for planning, control, and decision making.

#### **Module I**

Management Accounting: Nature and Scope - Difference between cost Accounting, Financial accounting and Management accounting - Recent trends in Management Reporting.  
(05 Hours, 5 marks)

#### **Module II**

Analysis and Interpretation of Financial Statements: Meaning - Types and Methods of Financial Analysis - Comparative Statements - Trend Analysis - Common size Statements (a general discussion only).  
(10 Hours, 10 marks)

**Module III** Ratio Analysis: Meaning - Nature - uses and limitations of Ratios - Liquidity, Profitability, Turnover, Solvency, Leverage. Market test Ratios. Construction of Financial Statements from ratios - Judgment of financial stability through ratios - (Focus to be given to problems solving and Interpretation skills)  
(25 Hours, 25 marks)

#### **Module IV**

##### Fund Flow and Cash Flow Analysis:

A. Fund Flow Statements: Meaning and concept of Fund - Current and Non Current Accounts Flow of fund - Preparation of Fund Flow statement - Uses and Significance.

B. Cash Flow Statement: Difference between Fund flow Statement and Cash flow Statement - Preparation of Cash Flow Statement as per AS - 3 Norms - Direct and Indirect methods (Stress to be given to Problems).  
(25 hours, 25 marks)

#### **Module-V**

Managerial Decision making with the help of CVP Analysis : Marginal Costing - Fixed Cost-Variable Cost - Contribution - P/V Ratio - Break Even Analysis - Algebraic and Graphic presentation - Decision making : Fixation of Selling Price - Exploring new markets - Make or Buy - Key Factor - Product Mix - Operate or Shutdown.  
(15 Hours, 15 marks)  
(Theory and Problems may be in the ratio of 40% and 60% respectively).



### **Reference Books:**

1. Dr. S.N. Maheswari : Management Accounting.
2. Saxena : Management Accounting.
3. Made Gowda : Management Accounting.
4. Dr. S. N. Goyal and Manmohan : Management Accounting.
5. B.S.Raman: Management Accounting.
6. R.S.N. Pillai and Bagavathi : Management Accounting.
7. Sharma and Gupta : Management Accounting.
8. J. Batty : Management Accounting.
9. Foster: Financial Statement Analysis, Pearson Education.
10. P.N. Reddy & Appanaiah : Essentials of Management Accounting.

### **BCM5B08 BUSINESS RESEARCH METHODS**

**Lectures Hours per week: 4 , Credit – 4**

Internal: 20, External: 80, Examination 2.5 Hours

#### **Objectives:**

–To enable students for acquiring basic knowledge in business research methods and to develop basic skills in them to conduct survey researches and case studies.

#### **Module I**

Business Research: – Definition and significance - Features of business research – The research process – Variable - Proposition - Types of research – Exploratory and causal research –Theoretical and empirical research - Basic and applied research - Descriptive research - Phases of business research – Research Hypothesis – Characteristics – Research in an evolutionary perspective – Role of theory in research - Theory building - Induction and Deduction Theory.  
(10 Hours, 15 marks)

#### **Module II**

Research Design – Definition – Types of research design – Exploratory and causal research design - Descriptive and experimental design – Types of experimental design – Validity of findings – Internal and external validity – Variables in research – Measurement and scaling – Different scales –Construction of instrument - Validity and reliability of instrument (15 Hours, 15 marks)

#### **Module III**

Data Collection: - Types of data – Primary Vs secondary data – Methods of primary data collection – Survey Vs observation – Experiments – Construction of questionnaire and instrument – Validation of questionnaire – Sampling plan – Sample size – Sampling methods - Determinants of optimal sample size – Sampling techniques – Probability Vs non probability sampling methods.  
(15 Hours, 20 marks)

#### **Module IV**

Data Processing: Processing stages - Editing - Coding and data entry – Validity of data – Qualitative Vs quantitative data analysis – Frequency table - Contingency table - Graphs - Measures of central tendency and index number – Testing of Hypothesis - Bivariate and multi variate statistical techniques – Factor analysis – Discriminant analysis- Cluster analysis – Interpretation. (15 Hours, 20 marks)

## **Module V**

Research Report: Different types – Contents of report – Need of executive summary – Chapterisation – Contents of chapter - Report writing stages – The role of audience – Readability – Comprehension – Tone – Final proof – Report format – Title of the report – Ethics in research – Subjectivity and objectivity in research. (09 Hours, 10 marks)

## **Reference Books:**

1. Donald R. Cooper and Pamela S. Schindler: Business Research Methods. Latest Edition, Irwin McGraw- Hill International Editions, New Delhi.
2. John Adams, Hafiz T.A. Khan Robert Raeside, David white: Research Methods for Graduate Business and Social Science Students, Response Books. New Delhi- 110044.
3. Neresh K. Malhotra: Marketing Research, Latest edition. Pearson Education.
4. William G. Zikmund, Business Research Methods, Thomson
5. Wilkinson T.S. and Bhandarkar P.L.: Methodology and Techniques of Social Research, Himalaya.
6. S N Murthy & U Bhojanna: Business Research Methods, Excel Books, New Delhi.
7. Jan Brace: Questionnaire Design, Kogan Page India
8. Michael V.P. Research Methodology in Management, Himalaya.
9. Dipak kumar Bhattacharyya. Research Methodology. Excel Books, New Delhi.
10. R. Paneerselvan: Research Methodology, Prentice-Hall of India
11. Ajai S Gaur & Sanjaya S Gaur: Statistical Methods for Practice &. Research, Response Books, New Delhi.
12. Kultar Singh: Quantitative Social Research Methods. Response Books, New Delhi.

## **BCM5 B09 Income Tax Law and Accounts**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

→ To impart basic knowledge and equip students with application of principles and provisions Income - tax Act, 1961 amended up to date.

## **Module I**

Basic Concepts: Income - Agricultural income - Person - Assessee - Assessment Year - Previous Year - Gross total income - Total income - Maximum marginal rate of tax -

Residential status - Scope of total income on the basis of residential status –Exempted incomes. (10 Hours, 15 marks)

## Module II

Computation of Income under Different Heads: Salaries - Allowances - Perquisites -Profit in lieu of salary - Gratuity – Pension. (20 Hours, 20 marks)

## Module III

Income from house property: Annual Value of House property - Computation under different circumstances - Deduction from annual value. (15 Hours, 15 marks)

## Module IV

Profits and Gains of Business or Profession: Definition - Computation - Allowable expenses and non-allowable expenses - General deductions - Provisions relating to Depreciation. (17 Hours, 15 Marks)

## Module V

Capital Gains: Definition of Capital Assets - Long term and Short term - Transfers - Cost of acquisition - Cost of improvement - Exempted Capital gains. Income from Other Sources: Definition– Computation. (18 Hours, 15marks)

(Theory and problems may be in the ratio of 40% and 60%respectjvely .Only simple problems are to be expected)

## Reference Books:

1. Dr. Vinod K. Singhania : Direct Taxes - Law and Practice, Taxman publication.
2. Dr. Mehrotra and Dr. Goyal: Direct Taxes - Law and Practice, Sahitya Bhavan Publication.
3. B.B. Lai: Direct Taxes, Konark Publisher (P) ltd.
4. Bhagwathi Prasad : Direct Taxes - Law and Practice. Wishwa Prakashana.
5. Dinakar Pagare : Law and Practice of Income Tax. Sultan Chand and sons
6. Gaur & Narang : Income Tax.

## BCM6 B12 Income Tax and GST

Lecture Hours per week: 6, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

### Objectives:

— To impart basic knowledge and equip students with application of principles and provisions Income - tax Act, 1961 and GST Act 2016

## Module I

Income Tax Contd: Deemed Incomes and Clubbing of income – Set- off and carry forward of losses - Deductions to be made in computing total income – Computation of total Income of individuals – Computation of Tax liability of individuals – Rebate and relief of tax. (25 hours, 25 marks)

## **Module II**

Income tax authorities – Powers and functions – Provisions of advance payment of tax – Tax payment – Deduction and payment of tax at source – Recovery of tax.  
Procedure of assessment of income tax – Filing of returns of income – Voluntary return of income – Statutory obligations in filing of returns – Return of loss – Belated returns – Revised returns – Defective returns – PAN – Different types of assessment – Self assessment – Assessment on the basis of return – Best judgment assessment – Regular assessment – Reassessment – Protective assessment. (20 Hours 20 marks)

## **Module III**

**Goods and Services Tax:** Brief history behind the emergence of GST – The scope of GST – Definitions and meaning - Central Goods and Services Tax Act–Integrated Goods and Services Tax Act - State Goods and Services Tax Act - Levy and Collection of Central/State Goods and Services Tax - Taxable person - Power to grant exemption from tax - Time and value of supply of goods - Time of supply of services (17 Hours, 15 hours)

## **Module IV**

Registration - Amendment of registration - Cancellation of registration - Revocation of cancellation of registration - tax invoice, credit and debit notes – Returns - First Return - Annual return - Final return - Tax Return Preparers - Levy of late fee - Notice to return defaulters (17 Hours, 10 marks)

## **MODULE V**

Payment of tax, interest, penalty and other amounts - Interest on delayed payment of tax - Tax deduction at source - transfer of input tax credit - refund of tax - accounts and records - demands and recovery I - Inspection, search, seizure and arrest - offences and penalties - Audit by tax authorities - Special audit - Power of CAG to call for information. (17 Hours, 10 marks)

(The syllabus of GST will be revised after the rules and regulations relating to GST Act are framed).

## **BCM6B13 AUDITING AND CORPORATE GOVERNANCE**

Lecture hours per week: 5, Credits: 4

Internal: 20 External: 80, Examination 2.5 Hours

Objective: To provide knowledge of auditing principles and techniques and to familiarize the students with the understanding of issues and practices of corporate governance in the global and Indian context.

## **Module I:**

Auditing – Meaning – Objects - Basic Principles and Techniques – Auditing and investigation - Classification of Audit – Management audit – Proprietary audit – Performance audit – Tax audit – Social audit – Environmental audit - Audit Planning – Qualities of an auditor – Advantages and limitations of audit (10 hours, 10 marks)

## **Module II**

Audit Procedures: Vouching - Definition - Features - Examining vouchers -Vouching of cash book - Vouching of trading transactions - Verification and valuation of assets and liabilities: Meaning - Definition and objects - Vouching v/s verification - Verification and Valuation of different assets and liabilities (20 hours, 20 marks)

## **Module III**

Internal Control - Internal Check - Internal Audit --Definitions - Necessity - Difference between internal check and internal control - Fundamental Principles of internal check - Difference between internal check and internal audit - Special Areas of Audit: Tax audit and Management Audit - Recent trends in auditing - Relevant Auditing and Assurance Standards (AASs) - Rights duties and liabilities of auditor - Audit committee - Auditor's Report - Contents and types – Auditors certificate. (20 hours, 25 marks)

Module IV: Conceptual Framework of Corporate Governance: Meaning, Theories, Models and Benefits of Corporate Governance; Board Committees and their Functions; Insider Trading; Rating Agencies; Green Governance/E-governance; Clause 49 of Listing Agreement; Class Action; Whistle Blowing; Shareholders Activism (20 hours, 15 marks)

## **Module V**

Major Corporate governance failures - BCCI (UK) - Maxwell Communication (UK) - Enron (USA – Satyam Computer Services Ltd - TATA Finance - Kingfisher Airlines - Common Governance Problems Noticed in various Corporate Failures - Codes and Standards on Corporate Governance (10 hours, 10 marks)

## **Suggested Readings:**

1. Institute of Chartered Accountants of India, Auditing and Assurance Standards, ICAI, New Delhi.
2. Relevant Publications of ICAI on Auditing (CARO).
3. Gupta, Kamal and Ashok Arora, Fundamentals of Auditing, Tata Mc-Graw Hill Publishing Co. Ltd., New Delhi.
4. Ghatalia, S.V., Practical Auditing, Allied Publishers Private L td., New Delhi.
5. Singh, A. K. and Gupta Lovleen, Auditing Theory and Practice, Galgotia Publishing Company.
6. Mallin, Christine A., Corporate Governance (Indian Edition), Oxford University Press, New Delhi.
7. Rani, Geeta D., and R.K. Mishra, Corporate Governance- Theory and Practice, Excel Books, New Delhi.

8. Bob Tricker, Corporate Governance-Principles, Policies, and Practice (Indian Edition), Oxford University Press, New Delhi.
9. Sharma, J.P., Corporate Governance, Business Ethics, and CSR, Ane Books Pvt Ltd, New Delhi.

## **Core courses in the area of Specialization-Finance**

### **BCM5B10 FINANCIAL MARKETS AND SERVICES**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

> To provide basic knowledge about the structure, organization and working of financial system in India.

#### **Module I**

Financial System: Meaning and Significance - Functions of the financial system - Financial concepts - Financial Assets - Financial markets - Classification - Financial instruments - Weakness of Indian Financial system – Financial services – meaning – Types. (10 hours, 12 marks)

#### **Module II**

Money Market: Definition - Features - Objectives - Features of a developed money market - Importance of Money market - Composition of Money market - Operations and Participants - Money market Instruments - Features of Indian money market - Recent developments (15 Hours, 20 marks)

#### **Module III**

Capital Market: New issue market - meaning - functions - methods floating new issue - intermediaries in the new issue market - Merchants bankers and their functions - Recent trends in new issue market - Stock Exchanges - Functions - Structure of Stock Exchanges- BSE - NSE - Listing of securities - Advantages of listing - Methods of trading in stock exchanges - On line trading - Stock indices - Venture Capital - Concept and meaning.  
(20 Hours, 23 marks)

#### **Module IV**

Financial Institutions: Commercial banks - Development financial institutions - Non-Banking Financial Corporations - Mutual Funds, Insurance Companies - Objectives and functions- Lease Financing-meaning- Factoring and forfeiting (only a brief outline)  
(14 Hours, 15 marks)

#### **Module V**

Regulatory Institutions - RBI - Role and Functions - The Securities and Exchange Board of India: Objectives - Functions - Powers - SEBI Guidelines for primary and secondary market.  
(5 Hours, 10 marks))

### Reference Books:

1. Kohn, Meir: Financial Institutions and Markets, Tata McGraw Hill.
2. Bhole L.M: Financial Institutions and Markets, Tata McGraw Hill.
3. Desai, Vasantha: The Indian Financial System, Himalaya Publishing House.
4. Machiraju.R.H: Indian Financial System, Vikas Publishing House.
5. Khan M.Y: Indian Financial System, Tata McGraw Hill.
6. Varshney, P.M., & D. K. Mittal, D.K.: Indian Financial System, Sulthan Chand & Sons
7. Gordon E. & Natarajan K.: Financial Markets & Services, Himalaya Publishing House.
8. Pathak. V.Bharati: Indian Financial System. Pearson Education.  
(Theory and problems may be in the ratio of 50% and 50% respectively)

### Reference Books:

1. Home, J.C. Van: "Financial Management and Policy". Prentice Hall of India , New Delhi.
2. Khan and Jain: "Financial Management Text and Problems", Tata McGraw Hill, New Delhi.
3. Pandey, I.M: "Financial Management", Vikas Publications.
4. Bhalla, V.K.: "Financial Management & Policy," Anmol Publications. Delhi.
5. Chandra, P: "Financial Management - Theory and Practice", Tata Me Graw Hill.
6. Singh, J.K.: "Financial Management- Text and Problems". Dhanpat Rai and Company. Delhi.
7. R. S. Kulshrestha: Financial Management. Sahitya Bhawan.
8. R. P. Rastogi: Fundamentals of Financial Management, Galgotia Publications. New Delhi.
9. Ravi M Kishore: Fundamentals of Financial Management. Tax man Publications.).
10. Battacharya, Hrishikas: Working Capital Management - Strategies and Techniques, Prentice Hall of India, New Delhi.

## BCM5 B11 FINANCIAL MANAGEMENT

Lecture Hours per week: 4, credits 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- To familiarize the students with the concepts, tools and practices of financial management.
- To learn about the decisions and processes of financial management in a business firm.

### Module I

Introduction: Nature, scope and objectives of financial management - Time value of money and mathematics of finance - Concept of risk and return.

(10 Hours, 15 marks)

## **Module II**

Investment Decision: Capital budgeting process - Estimation of relevant cash flows - Payback Period method - Accounting Rate of Return - Net Present Value - Net Terminal Value - Internal Rate of Return - Profitability Index - Capital budgeting under risk - Certainty Equivalent Approach and Risk Adjusted Discount Rate. (18 Hours, 20 marks)

## **Module III**

Financing Decision: Cost of capital and financing decision - Estimation of components of cost of capital : Equity capital - Retained earnings - Debt and Preference capital - Weighted average cost of capital and Marginal cost of capital - Sources of long term financing - Capital structure - Operating and financial leverage - Determinants of capital structure. (18 Hours, 20 marks)

## **Module IV**

Dividend Decision: Relevance and irrelevance of dividend decision - Cash and stock dividends - Dividend policy in practice. (8 Hours, 10 marks)

## **Module V**

Working Capital Management: Meaning and nature of working capital - Determination of working capital requirement - A brief overview of Cash management, Inventory management and Receivables management. (10 Hours, 15 marks)

### **Reference Books:**

1. Home, J.C. Van: "Financial Management and Policy". Prentice Hall of India , New Delhi.
2. Khan and Jain: "Financial Management Text and Problems", Tata McGraw Hill, New Delhi.
3. Pandey, I.M: "Financial Management", Vikas Publications.
4. Bhalla, V.K.: "Financial Management & Policy," Anmol Publications. Delhi.
5. Chandra, P: "Financial Management - Theory and Practice", Tata Me Graw Hill.
6. Singh, J.K.: "Financial Management- Text and Problems". Dhanpat Rai and Company. Delhi.
7. R. S. Kulshrestha: Financial Management. Sahitya Bhawan.
8. R. P. Rastogi: Fundamentals of Financial Management, Galgotia Publications. New Delhi.
9. Ravi M Kishore: Fundamentals of Financial Management. Tax man Publications.).
- 10 Battacharya, Hrishikas: Working Capital Management - Strategies and Techniques, Prentice Hall of India, New Delhi

## **BCM6B14     FUNDAMENTALS OF INVESTMENTS**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours



## Objectives

- To familiarize the students with the world of investments.
- To provide a theoretical framework for the analysis and valuation of investments.

## Module I

Introduction to Investment - Meaning of Investment – essential features of Investment- Investment Alternatives- Investment Environment (brief description on elements such as Financial Securities, Financial Markets, Financial Services, Financial Intermediaries, Regulators, and Investors) –Investment Management Process –Sources of Financial Information- Calculation of return on investment and expected return-Calculation of expected return under CAPM- Types of risk- Calculation of Standard deviation- calculation of beta under correlation and regression methods (Simple Problems). (15 Hours, 18 marks)

## Module II

### Security Valuation:

- a) Valuation of Fixed Income Securities: Bonds- Essential Features- Types of Bonds- Types of bond risks- estimating Bond Yields-Bond valuation (redeemable and irredeemable )- Valuation of Preference Shares (redeemable and irredeemable ).
- b) Valuation of Equity- Dividend Yield Method- Dividend Yield plus growth method (single-stage growth and multi-stage growth) - Discounted Cash Flow method-P/E multiple approach. (20 Hours, 20 Marks)

## Module III

### Approach to Security Analysis:

Security Analysis- Fundamental Analysis – EIC analysis – Tools for company analysis- Technical Analysis- stock charts(line, bar, candle stick and point and figure charts)- Support and Resistance levels- Trends and Trend Reversals – Patterns -continuation patterns(Triangles, Rectangles, Flags and Pennants) -reversal patterns(head and shoulders, double tops and double bottom, wedges)- Indicators -a brief description on leading and lagging indicators)- brief description of DOW theory and Elliot Wave theory. (20 Hours, 20 Marks)

## Module IV

Portfolio Analysis: Concept of portfolio – need and importance- portfolio diversification- a brief description of Markowitz model, Random Walk Theory, Efficient Market Hypothesis, Efficient Portfolio -Calculation of Portfolio Risk with two securities (Covariance, Correlation, Standard deviation)- Portfolio Return (15 Hours, 12 Marks)

## Module V

Investor Protection: Role of SEBI & Stock Exchanges in investor protection – Investor Education & Awareness Measures- Investor grievances and their redressal system –

SCORES – Prohibition of Insider trading practices - UPSI-Rights and Duties of Investors - Investor activism. (10 Hours, 10 marks)

(Theory and problems may be in the ratio of 50% and 50% respectively)

Reference Books:

1. Donald E. Fisher and Ronald J. Jordan: Securities Analysis and Portfolio Management, Prentice Hall, New Delhi.
2. S. Kevin: Security Analysis and Portfolio Management.
3. Sourain. Harry; Investment Management, Prentice Hall of India.
4. Francis and Archer: Portfolio Management, Prentice Hall of India.
5. Gupta L.C.: Stock Exchange Trading in India, Society for Capital Market Research and Development, Delhi.
6. MachiRaju, H.R.: Working of Stock Exchanges in India, Wiley Eastern Ltd, New Delhi.

### **BCM6B15**

### **FINANCIAL DERIVATIVES**

Lecture hours: 5, Credits: 5

Internal: 20, External: 80, Examination 2.5 Hours

- To acquire knowledge about financial derivatives and their features.
- To know about various risks associated with derivatives.

#### **Module I**

Financial Derivatives: Introduction - Meaning – Types of financial derivatives: Forwards – Futures – Options – Swaps – Economic functions of derivative contracts. (12 Hours, 10 marks)

#### **Module II**

Derivative Markets: History of financial derivative market – Participants in a derivative market – Cash market Vs derivative market – Stock market derivatives in India – Other derivatives in India – The regulatory frame work for derivatives trading in India.

(15 Hours, 20 marks)

#### **Module III**

Forward Contracts : Features – Limitations of forward markets – Introduction to Futures – Meaning and definition - Features of futures – Difference between forwards and futures – Futures - terminology – Types of future contracts - Financial futures – Stock futures – Currency futures - Interest rate futures – Index futures - Commodity futures – Futures pay-offs – Trading strategies in stock futures .

(20 Hours, 20 marks)

#### **Module IV**

Options: Meaning – Definition – Need - Difference between options and futures – Fundamental option strategies – Types of options contracts - Call – Put – options – Intrinsic value Vs Time value of options - Trading strategies in stock options.

(20 Hours, 20 marks)

## Module V

Swaps: Meaning – Definition - Features of swaps – Terms used in swaps – Types of swaps: Interest rate swap - Currency swap - Commodity swap - Equity swap – Difference between Swaps and Futures. (13 Hours, 10 marks)

### Reference Books:

1. Hull John. C, Options, Futures and Other Derivatives, Pearson Educations Publishers, New Delhi (Latest Edition).
2. S.L.Gupta, Prentice Hall of India Private Ltd, New Delhi.
3. L.M Bhole , Financial Institutions and Markets – Structure, Growth and Innovations , Tata Mc Graw Hill Publishing Co. Ltd. New Delhi.
4. D.C. Patwari&A.Bhargava , Options and Futures, An Indian Perspective , JAICO Publishing

## Core courses in the area of Specialization – Banking and Insurance

### BCM5B10 BANKING SERVICES MANAGEMENT

Lecture hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- To help the students to understand the various provisions of Banking Regulation Act 1949 and the reforms in the banking sector.
- To impart knowledge about different forms of banking services and the procedure for opening and operating bank accounts.

### Module I

Banking Legislation and Reforms: Banking Regulation Act 1949 - Provision on capital liquidity - Powers of Reserve bank of India - Banking sector reforms in India -Classification of bank assets - Investment evaluation - Income recognition -Management of non-performing assets. (15 Hours, 15 marks)

### Module II

Innovation in Banking Services: Innovative banking - Social banking - Lead bank scheme - Differential interest rate scheme - off shore banking - Hi-tech banking -Financial services - Venture capital financing - Housing finance - Agricultural Financing - Hire purchase - Packing credits - Deficiency in services - Ways to improve the services.(14 Hours, 20 marks)

### Module III

Loans and Advances: Principles of lending - Safety - Liquidity - Profitability – Security - Repaying capacity - Project appraisal - Loan system - Advantages and limitations - Cash

credit - Hypothecation - Pledge - Lien - Mortgages - Factors limiting advances - Recalling of advances - Consortium advances. (10 Hours, 15 marks)

**Module IV** Banker and Customer: Meaning and definition - Relationship - Obligations of a banker - Garnishee Order - General and special rights of a customer to charge a bank under Consumer Protection Act. (10 Hours, 10 marks)

### **Module V**

Opening and Operating of Accounts: Procedure for opening and closing an account - Savings Bank Account - Fixed Deposit Account - Current Account - NRE Account -Precautions taken by the banker to open and operate accounts for various types of customers: Minor - Married women - Agent - Joint accounts - Partnership firms - Joint stock companies - Trustees - Clubs and charitable societies - Pardanashin Women -Executors and administrators - Lunatics - Illiterate - Drunkard (15 Hours, 20 marks)

### **Reference Books:**

1. Maheshwari. S.N , Banking Law and Practice.
2. Shekar. K.C, Banking Theory Law and Practice.
3. B.S Khubchandani, Practice and Law of Banking, Mac Millan India Ltd, 2000
4. Bedi. H.L & V.K Hardikar, Practical Banking.
- K.C Nanda, Credit and Banking, Response Book, Sage Publications, 1999
5. Pannandikar & Mithami, Banking in India.
6. Radhaswamy & Vasudevan , Text Book of Banking.
7. Varshaney , Banking Law and Practice.
8. Sundram & Varshney, Banking And Financial System, Sultan Chand & Sons.
- IO.Dr.S.Gurusamy, Financial Services & System , Vijay Nicole imprints Pvt Ltd.

## **BCM5 B11 INSURANCE MANAGEMENT**

Lecture hours: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

### **Objectives:**

- To impart knowledge about the insurance organizations and management.
- To help the students to understand the role of insurance intermediaries in emerging market.
- To enable the students to learn the computation of premium, bonus and claims.
- To provide knowledge about various methods of pricing of insurance products.

### **Module I**

Insurance Organization and Management - Organisation forms in Life and Health insurance - Organisational structure - Life insurers' management and office administration – Insurance documentation - Publicity - Proposal forms - Policies contracts - Premium receipts - Endorsement - Renewals. (8 Hours, 13 marks)

## **Module II**

Role of Insurance Intermediaries in Emerging Markets - Agency regulation - Prerequisites - Training procedures for becoming an agent - Remuneration and other benefits - Agency commission structures - Functions of an agent. (8 Hours, 10 marks)

## **Module III**

Underwriting and Claims - Computation of premium and bonuses - Claims - Annuities - Pensions - Claim processing and settlement - Role of surveyors - Opportunity to appeal - Considerations in deriving gross premiums - Premium rate structure - Surplus and its distribution - Annual claim costs - Premium rate variables - Need for underwriting - Principles in underwriting - Features affecting insurability. (18 Hours, 22 marks)

## **Module IV**

Investment Management - Objectives of investment policy - Nature of investments - Magnitude of funds - Investments of funds - Constraints of stock market- 'Non-Life' investments - Capital adequacy and capital management - Mobilising large resources - Investor or / Policyholder protection. (15 Hours, 15 marks)

## **Module V**

Pricing of Insurance Products - Impact of legislation and competition on pricing -Taxation and policies - Market related policies - Cost consciousness - Accounting practices - Scale of operations - Factors having impact on the demand for insurance -Rigidities in the present pricing system - Getting out of a controlled price regime - Price behaviours in a deregulated market. (15 Hours, 20 marks)

## **Reference Books:**

1. Kenneth Black Jr., Harold D. Skipper Jr., Life and Health Insurance, Pearson Education
2. P.S.Palande, R.S.Shah, M.L.Lunawat, Insurance in India, Response Books.
3. D.C.Srinivasan, Shashank Srivastava, Indian Insurance Industry, New century publications.
4. Julia Holyoake & Bill Weiper, Insurance, CIB publications, Delhi.  
Anand Ganguly, Insurance Management, New Age publications.

## **BCM6B14 FOREIGN EXCHANGE MANAGEMENT**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- To enable the students to learn the theories of foreign exchange behavior.
- To help the students to understand the different types of exchange rate risks.

## **Module I**

Exchange Rate - History of exchange control in India - Features of Foreign Exchange Regulation Act, 1973 (FERA) - Foreign Exchange Management Act, 1999 -Administrative set up of foreign exchange in India - Foreign Exchange Dealers' Association of India (FEDAI) - Functions of Foreign Exchange Department - Nostro Account - Vostro Account - Loro Account. (15 Hours, 15 marks)

## **Module II**

International Exchange Systems - Fixed and floating exchange rate systems -Depreciation V/s Devaluation - Exchange rate system prior to IMF - Exchange rate systems under IMF - Smithsonian Agreement - Currency exchange rate regimes -External value of rupee - Current Account convertibility and Capital Account convertibility. (20 Hours, 20 marks)

## **Module III**

Balance of Payments - Definition - Components of balance of payments -Disequilibrium in balance of payments - Corrections of disequilibrium. (10 Hours, 10 marks)

## **Module IV**

Foreign Exchange Market - Features - Participants - Settlement of Transactions - Types of Transactions - Spot - Forward - Swap and Non - deliverable forwards - Quotations in Interbank Markets - American and European quotation - Factors determining spot exchange rates - Purchasing Power Parity Theory. (20 Hours, 20 marks)

## **Module V**

Derivatives - Meaning and types - Forward Contracts - Features of Futures contract -Hedging with futures - currency options - Concept of interest rate risks - Exchange Risk -Transaction exposure - Translation and economic exposures. (15 Hours, 15 marks)

### **Reference Books:**

1. Luc Soenen: "Foreign Exchange Management", McGraw-Hill Primis Custom Publishing.
3. Robert J. Hodrick: " The Empirical Evidence on the Efficiency of Forward and Futures Foreign Exchange Markets", Gordon & Breach Publishing Group.
4. Loosigian, Allan: " Foreign Exchange Futures: A Guide to International Currency", Scholarly Books,USA
5. CJeevanandam: " Foreign exchange, Concepts, practices & control", Sultan Chand &sons.

## **BCM6B15 RISK MANAGEMENT AND INSURANCE**

Lecture Hours per week: 5, Credits: 5

Internal: 20 External: 80, Examination 2.5 Hours

### **Objectives:**

- To enable the students to understand risk, risk management process and techniques.
- To help the students to learn about risk financing.
- To understand risk management applications.

## **Module I**

Risk: Meaning of risk - Degrees of risk - Cost of risk - Various elements of cost of risk - Sources of risk - Types of risk - Pure risk and speculative risk - Acceptable and non acceptable risks - Static and dynamic risk - Risk management - Characteristics of risk management - Significance - Principles of risk management - Objectives - Risk and risk management process - Risk identification - Evaluation - Risk management techniques - Selecting and implementing risk management techniques - Risk Management Information System - Organisation of risk management in business - Methods of risk management - Identification, measurement and control of risk - Evaluation, frequency and severity of losses - Pooling of risk - Insurance as risk pooling arrangements - Transferring of risks.

(20 Hours, 20 marks)

## **Module II**

Commercial Risk Management Applications - Property - Liability - Commercial property insurance - Different policies and contracts - Business liability and risk management insurance - Workers' compensation and risk financing.

(15 Hours, 15 marks)

## **Module III**

Derivatives as Risk Management Tools: Classification of derivatives - Features of hedging, forward, futures, options and swaps.

(15 Hours, 15 marks)

## **Module IV**

Risk Management Applications - Loss of life - Loss of health - Retirement planning and annuities - Employee benefits - Financial and estate planning.

(15 Hours, 15 marks)

## **Module V**

Risk Management Environment - Industry - Functions and organisation of insurers - Government regulation of insurance sector - IRDA - Privatisation of insurance business in India - Changes in Insurance Act - Insurance intermediaries - Insurance products pricing - Claim valuation - Foreign insurers in India.

(15 Hours, 15 marks)

## **Reference Books:**

1. Rejda, George E: Principles of Risk Management and Insurance, Latest Edn, Addison Wesley Longman.
2. McNamara: Principles of Risk Management and Insurance, Addison - Wesley
3. Dorfman: Introduction to Risk Management and Insurance, Prentice Hall.
4. Williams: Heins, Risk Management and Insurance, McGraw Hill Pub.
5. James S. Trieschman, Sandra G. Gustavsonh, Robert E. Hoyt: Risk management and Insurance, Thomson Asia Pvt. Ltd., Singapore.
6. G. Kotheshwar Rao, Risk Management.
7. Gulati, Risk Management.
8. Dr.P.K.Gupta, Insurance and Risk Management, Himalaya Publishing House.
9. Insurance Act - Latest.
10. Sengupta Mrinal Chandra, Insurance Finance, Progressive Publishers, New Delhi

## **Core courses in the area of Specialization – Co-operation**

### **BCM5B10 CO-OPERATIVE THEORY AND PRACTICE**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- To provide conceptual clarity and theoretical base in co-operation.
- To provide an overall idea about important types of co-operatives.

#### **Module I**

Co-operation and its Principles: Co-operation - Meaning - Definition - Features -Importance - Benefits - Principles of Co-operation: Rochdale (first stage) - Reformulated Co-operative Principles by ICA (2nd stage) - Karve Committee in Co-operative principles (3rd stage) and Principles at the 4th stage by ICA in 1995. (15 Hours, 20 marks)

#### **Module II**

Co-operation and Other Economic Systems, Organizations and Associations:  
Cooperation and economic systems: Capitalism, Socialism and Communism. (10 Hours, 15 marks)

#### **Module III**

Co-operative Education and Training: Meaning - Importance - ICA and Co -operative movement - NCUI, VAMNICOM, NCCT, ICM, State Co-operative Unions and their role in education and training - Co-operative week - Co- operative flag - Journals on cooperation.(10 Hours, 15 marks)

#### **Module IV**

Types of Co-operatives and Co-operative Credit :\_Agricultural credit societies - Non agricultural credit societies - Non agricultural non credit societies - PACS - Service Cooperative Banks - Farmers Banks - District Co-operative Banks - State Co-operative Banks - Primary Agricultural and Rural Development Banks - Kerala State Co-operative Agricultural and Rural Development Banks. (14 Hours, 15 marks)

#### **Module V**

NABARD and its role in co-operative movement - Consumer societies - Dairy societies - Marketing societies - SC/ST societies - Urban Cooperative Banks - Employee societies - IFFCO - KRIBCO - Fishery societies - Housing societies - Industrial societies (Weavers and Coir Societies) - NAFED - MILMA - HANTEX - MATSYAFED - MCAC - NHB and NCB - Types of Credit: Short, medium and long term - Two tier and Three tier credit structure. (15 Hours, 15 marks)

#### **Reference Books:**

1. DubashiP.R , Principles and Philosophy of Co-operation



2. Krishnaswamy O. R & Kulandaiswamy, Co-operation Concept and Theory
3. Mathur B.S, Co-operation in India
4. Hajala.T.N , Principles, Problems and Practice of Co-operation
5. Krishnaswami. O.R, Fundamentals of Co-operation.
6. Mamoria C.B, Rural Credit & Agricultural Co-operatives
7. Bedi R.D, Theory, History & Practice of Co-operation
8. Kulkarni, Theory and Practice of Co-operation
9. Mamoria C.B. and Saxena , Co-operation in Foreign Lands
10. G.R.Madan, Co-operative Movement in India.
11. B.B.Goel, Co-operative Legislation, Trends and Dimensions.
12. Periodicals and Journals Published by NCUI

## **BCM5B11 LEGAL ENVIRONMENT FOR CO-OPERATIVES**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To enable the students to acquire knowledge about co-operative legal frame work in India and Kerala.
- > To understand the formalities for registering co-operatives and the administrative set up.

### **Module I**

Cooperative Legislation: Features and important landmarks in the history of co-operative legislation in India - Genesis and growth of co-operative movement in India during pre-, post-independence and after 1991. (8 Hours, 10 marks)

### **Module II**

Co-operative Legislations in India: Co-operative Credit Societies Act, 1904 - Features - Co-operative Societies Act, 1912 - Features - Kerala Co-operative Societies Act, 1969 - Features - Multistage Co-operative Societies Act, 1984 - Model Cooperative Societies Act, 1991 & 2002 - Features - Recent Trends and Developments - Vaidyanathan Committee Report. (18 Hours, 20 marks)

### **Module III**

Kerala Co-operative societies Act 1969-Registration of Co-operative Societies : Formalities - Bye Law - Model and its amendment - Formalities - Change of name and liability - Formalities - Membership formalities - Qualifications and disqualifications -Associate or nominal member - Qualifications and disqualifications of members of Board - Election - Procedure - Settlement of disputes - Types and procedure - Enquiry -Inspection - Supervision - Surcharge - Liquidation and its formalities - Board of Directors' meeting - Annual General Body meeting - Minutes - Quorum for the meetings -Removal and expulsion of members - Restrictions on holding shares - Privileges of cooperatives. (18 Hours, 25 marks)

### **Module IV**

Administrative Set-up of Co-operative Department in Kerala - Delegation of powers -Audit - Procedure - Audit programme - Vouching - Audit classifications - Proceedings -State and the co-operative movement in India - Role of state in the development of cooperatives - De-officialisation of the co-operative movement - Reconstructing cooperative administration.  
(12 Hours, 15 marks)

### **Module V**

Salient Features of Banking Regulation Act 1949 (As applicable to co-operative societies) - Impact of Co-operative Law on co-operative management. (8 Hours, 10 marks)

#### **Reference Books:**

1. G.R.Madan, Cooperative Movement in India
2. Goel B.B, Cooperative Legislation, Trends and Dimensions
3. B.S.Mathur, Co-operation in India.
4. T .N.Hajella , Principles, Problems and Practice in Co-operation.
5. Dr.V.BJugale and Dr. P.A.Kohli, Reasserting the Co-operative Movement
6. Co-operative Credit Societies Act ,1904
7. Co-operative Societies Act, 1912
8. Government of India, Multi State Co-operative Societies Act, 2002
9. Government of India, Report of the Committee on Model Act
10. Mohanan P.N., Co-operative Laws in Kerala
11. Bedi R.D., Co-operative Law in India
12. Calvert, The Law and Principles of Co-operation.
13. Rishpal Nainta , The Law of Co-operative Society in India, Deep & Deep Publications Pvt. Ltd., New Delhi.

## **BCM6B14 INTERNATIONAL CO-OPERATIVE MOVEMENT**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives: To enable the students to acquire knowledge about evolution and development of co-operative movement in the world.

### **Module I**

Co-operative Movement in Foreign Countries: Great Britain (Consumer) - Germany (Agricultural Credit) - Denmark (Dairy) - China (Induscos) - Japan (Multi-purpose societies) - USA (Marketing) - USSR (Collective Farms).  
(15 Hours, 15 marks)

### **Module II**

Co-operatives and Employment in Africa: Cocoa - Co-operatives in Sierra Leone -African Confederation of Co-operatives Savings and Credit Associations, (Nairobi) Kenya - Kilimanjaro Native Co-operative Union (Tanzania) - Contribution of Robert Owen, Louis

Blanc, Shri V. L. Mehta and D. R. Gadgil in the sphere of co-operation. (15 Hours, 15 marks)

### **Module III**

International Co-operative Alliance: Objectives - Role - Membership - Governing Bodies - Regional offices - Sectoral organizations and functioning of ICA - Leading specialized organizations of ICA - International Co-operative Agricultural Organization (ICAO) - International Co-operative Banking Association (ICBA) - International Health Co-operative Organization (IHCO) - International Co-operative Fisheries Organization (ICFO) - Consumer Co-operative World-wide (CCW). (25 Hours, 25 marks)

### **Module IV**

Role of International Organisations in the Development of Co-operative Movement: International Labour Organization - World Bank - World Assembly of Youth - Afro-Asian Rural Reconstruction Organization (15 Hours, 15 marks)

### **Module V**

Inter Co-operative Relations: Indian Farmers Fertilizers Co-operatives (IFFCO) - Anand Milk Producers Union Limited (AMUL) - National Co-operative Union of India (NCUI). (10 Hours, 10 marks)

### **Reference Books:**

1. G.R.Madan , Co-operative Movement in India.
2. T.N.Hajella , Principles, Problems and Practice in Co-operation.
3. Periodicals and Journals published by NCUI
4. R.D.Bedi, Theory, History and Practice of Co-operation.
5. Saxena and Mammoria , Co-operation in Foreign Lands.
6. T.N.Hajella , Principles, Problems and Practice of Co-operation.
7. C.A. Digest Published by I.C.A.
8. Review of International Co-operation, Official Journal of I.C.A.

### **BCM6B15 CO-OPERATIVE MANAGEMENT AND ADMINISTRATION**

Lecture Hours per week: 5, Credits: 5

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To enable the students to acquire knowledge about the co-operative management and administration.
- > To familiarize the students with accounting and auditing of co-operatives.

### **Module I**

Management of Societies: General body - Representative general body - Election - Supersession -Privileges of co-operative societies - State and co-operatives - Properties and funds of co-operatives - Disposal of net profit - Co-operative education fund - Audit - Inquiry

and supersession - Disputes - Settlement of disputes - Winding up and cancellation of registration - Execution - Appeals - Revision and Review. (15 Hours, 15 marks)

## **Module II**

Role of Management in the Development of Co-operative Organizations - Principles of management - Co-operative management - Unique features of co-operative management - Integrating the principles of co-operation and principles of management - Professional management for co-operatives - Meaning - Importance and evaluation criteria - Organizational structure of a co-operative - Designing organization structure for cooperatives. (18 Hours, 18 marks)

## **Module III**

Co-operative Leadership - Meaning - Importance - Types - Problems of leadership in cooperative organization - Path-goal theory of leadership and case studies of Cooperative leadership - Nature of management leadership - Combination of management and leadership qualities. (12 Hours, 12 marks)

## **Module IV**

Co-operative Accounting: Meaning - Definition - Special Features of co-operative accounting - Sources of funds - Owned and borrowed - State aid to co-operatives -Preparation of Trial Balance, Profit and Loss Account and Balance Sheet - Treatment of overdue interest - Books & registers maintained by the co-operatives – statutory requirements - Day book and subsidiary day book - Triple column cash book - Rough cash chitta - R&D statements - Computerized accounting system. (20 Hours, 20 marks)

## **Module V**

Co-operative Audit - Features - Difference between co-operative audit and general audit, financial audit and administrative audit - Auditor - Duties, rights and responsibilities -Stages of audit work-Preparation of audit programs-Vouching - Verification &valuation of assets & liabilities - Auditing of reserves & provisions -Audit memorandum - Audit classification - Audit certificate - Audit fees. (15 Hours, 15 marks)

### **Reference Books:**

1. Dwivedi R.C, Democracy in Cooperative Movement - An Indian Profile
1. Hajela T.N, Principles, Problems and Practice of Cooperation
2. Kamat G.S, New Dimensions of Co-operative Management
3. Nakkiran S, Cooperative Management - Principles and Techniques
4. Sah A.K, Professional Management for Co-operatives
6. DesaiS.S.M, Agriculture and Rural Banking in India
- 7 ILO, Co-operative Management & Administration
8. Goel .B.D, Co-operative Management and Administration, Deep&Deep Publications, New Delhi
9. Nakkiran.S , A Treatise on Co-operative Management, Rainbow Publications, Coimbatore
10. Sinha and Sahaya .R., Management of Co-operative Enterprises, National Council for Co-operative Training, New Delhi

11. ICA, Readings in Co-operative Management
12. Krishnaswamy O.R, Co-operative Account Keeping
13. Manikkavasakam , A Treatise on Co-operative Account eeping
14. Samiuddin , Co-operative Accounting & Auditing

## **Core Courses in the area of Specialization: Computer Applications**

### **BCM5B10 COMPUTER APPLICATIONS IN BUSINESS**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

#### **Objectives:**

- > To help the students to acquire basic knowledge about computer and its applications in various areas of business.
- > To enable the students to understand the modern trends and technologies in computer applications.

#### **Module I**

Computer Systems : Introduction – Features and Parts of new generation Computers-Factors to be considered while selecting computer - Importance of computers in business –Network-Types of network, LAN, WAN, MAN, PAN ,BAN,SAN&CAN.Computer applications in various areas of business- Internet, Features and uses in business- Social media & its uses in business. (12 Hours, 15 marks)

#### **Module II**

Business and web sites – introduction to web design – concepts – principles involved in developing a website - golden rules of web designing-page design-home page-web standards-audience requirement-Role of websites in a business-Cascading Style Sheet-Concept of CSS-HTML-HTML documents-Basic structure of an HTML Document-creating an HTML Document-HTML Tags. (14 Hours, 20 marks)

#### **Module III**

Elements of HTML-Introduction-working with text-working with Lists, Tables, Hyperlinks, images and multimedia-web publishing or hosting-creating the website -saving the site-working on the web site-themes-publishing websites-website for business growth. (13 Hours, 15 marks)

#### **Module IV**

E-Commerce & Digital payments: E-Commerce, Business Models - B2B, B2C, B2G, C2C & B2E– Requirements of e-commerce website – Modes of delivery- Digital payments: USSD, NUUP, AEPS, UPI, Debit card, Credit card, Pre-paid cards, Internet Banking, Mobile banking, e-wallets – POS Terminals, M-POS, V-POS. (15 Hours, 15 marks)

#### **Module V**

Digital Security – Security threats in Internet & e-Commerce, Virus & Trojan horses, Phishing, Hacking, Spyware – Security Measures, Antivirus, Firewall, Encryption, Bio-metrics–Precautions while using Internet & e-payments - IT Act, Major Provisions of IT Act. (10 Hours, 15 marks)

#### Reference Books:

1. Rajaraman , Introduction to Information Technology, PHI
2. Jennifer Niederst Robbins, –Learning web design:A beginner's Guide to HTML,CSS,Java script.and web Graphics|| ,O' Reilly Media,Inc
3. John Duckett, –HTML and CSS Design and build websites || ,John Wiley&Sons
4. Rajaraman , Fundamentals of Computers 4/E, PHI
5. PTSJ Joseph, E-Commerce: An Indian perspective, PHI
6. Ananya Misra, E-Commerce, B.K Publications Pvt.Ltd.
7. P. Mohan , Fundamentals of Computers, Himalaya Publishing House
8. Dennis P. Curtin , Information Technology, McGraw Hill International
9. Behrouz A. Forouzan , Data Communication and Networking 2nd edition ,McGraw-Hill
10. Avi Silberschatz, Peter Galvin & Greg Gagne Willey, Operating System Concepts
11. Uyless Black , Computer Networks Protocols, Standards and Interface: Prentice Hall India Pvt. Ltd.
12. Alfred Glkossbrenner , Internet 101 Computing MGH
13. Alex Leon & Mathews Leon, Fundamentals of Information Technology, LeonTechworld
14. Suresh Samudrala, Retail Banking Technology, Jaico Puubishing House
15. Indian Institute of Banking & Finance, Digital banking, Taxman
16. Karnika Seth, Computers, Internet and New technology laws, Lexis Nexis
17. Pavan Duggal, A text book on Cyber law, Universal Law Publishing company
18. Harish Chander, Cyber Laws and IT Protection, Prentice Hall India

### BCM5B11 BUSINESS INFORMATION SYSTEMS

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objective:

> To enable the students to acquire basic knowledge in the information technology and its relevance to the various areas of business.

#### Module I

Management Information System: Data, Information & Knowledge – Information Technology & Communication technology - Role of Information & Communication technology in Business – Management Information System , Meaning , Concepts, Purpose & Features of MIS, Basic structural concepts. (12 Hours, 15 marks)

#### Module II

Types of Management Information Systems: Transaction Processing System - Decision Support Systems (DSS) - Characteristics and capabilities of DSS – Components of DSS – Executive Information System - Expert System – Management Reporting System. (12 Hours, 15 marks)

### **Module III**

Data Base Management Systems : DBMS - Definition - Necessity of a database - Characteristics of database - Database management systems - Types of database management systems - Logical data models - Hierarchical model - Network model - Relational model - Object-oriented model - Object relational model Deductive/inference model - Comparison between various database models. (20 Hours, 25 marks)

### **Module IV**

Enterprise Resource Planning (ERP) – Meaning - Need for ERP - Benefits of an ERP system – ERP software – Phases in ERP implementation - Issues and challenges in the implementation of ERP. (12 Hours, 15 marks)

### **Module V**

Business Process Reengineering: Meaning and definition of BPR – Reengineer - Need and Objectives of BPR - Process of BPR – Advantages of BPR - Issues and problems of BPR. (8 Hours, 10 marks)

#### **Reference Books:**

1. James A O'brien, George.M.Marakas & Ramesh Behl, Management Information Systems, McGraw Hill Education, 2013
2. D.P Goyal, Management Information Systems: Managerial Perspectives, Vikas Publishing House, 2014
3. A.K Gupta, Management Information System, S.Chand & Company 2010
4. Alexis Leon, Enterprise Resource Planning, McGraw Hill Education 2007
5. Uma G Gupta, Management Information Systems, Galgotia Publications Pvt Ltd, New Delhi, 1993
6. Jyotindra Zaveri, Enterprise Resource Planning, Himalaya Publishing House 2012
7. Rajesh Ray, Enterprise Resource Planning text and cases, McGraw Hill Education 2010.
8. R.Radhakrishnan & S.Balasubrahmanian, Business Process Reengineering: Text and cases, Prentice Hall India Learning Pvt. Ltd, 2008
9. R.Srinivasan, Business Process Reengineering, McGraw Hill Education 2011
10. B.R Dey, Business Process Reengineering & Change Management , Dreamtech Press 2004.

### **BCM6B14 OFFICE AUTOMATION TOOLS**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

> To enable the students to acquire basic knowledge in the various office automation tools and its applications in the various areas of business.

## **Module I**

MS-Word : Word Basics - Starting word - Creating a new document - Opening preexisting document - The parts of a word window - Typing text - Selecting text - Deleting text -Undo - Redo – Repeat- Inserting text - Replacing text - Formatting text - Cut - Copy -Paste - Formatting Text and Documents - Auto format - Line spacing - Margins - Borders and Shading.

Headers and Footers : Definition - Creating basic headers and footers - Tables - Creating table - Adding, changing, deleting rows - Inserting, changing, deleting column - Graphics - Importing graphics - Clipart - Insert picture - Clip Art Gallery - Drawing objects - Text in drawing .

Templates : Template types - Using templates - Exploring templates - Modifying templates - Macros : Record in macros - Editing macros - Running a macro - Mail Merge: Mail Merge concept - Main document - Data sources - Merging data source and main document - Overview of word menu options - Word basic tool bar. (Theory 15 Hours and Practical 10 Hours, 20 marks)

## **Module II**

MS EXCEL : Electronic Spreadsheet – Creating and rearranging worksheet - Structure of spreadsheet and its applications to accounting, finance, and marketing functions of business - Creating a dynamic / sensitive worksheet - Concept of absolute and relative cell reference - Using built in functions – Mathematical, statistical and financial functions – Conditional formatting –filters- Charts – Pivot table and pivot chart - Goal seeking and solver tools - Sharing data with other desktop applications - Strategies of creating error free worksheet. (Theory 15 Hours and Practical 10 Hours, 20 marks)

## **Module III**

Ms-Power Point : Power point - Basics - Terminology - Getting started - Views -Creating presentations - Using auto content wizard - Using blank presentation option -Using design template option - Adding slides Deleting a slide - Importing images from the outside world - Drawing in power point - Transition and build effects - Deleting a slide - Numbering a slide - Saving presentation - Closing.(Theory 9 Hours and Practical 6 Hours, 20 marks)

## **Module IV**

The Internet and its Basic Concepts: Internet concept - History - Development in India - Technological foundation of internet - Distributed computing - Client-server computing - Internet protocol suite - Application of distributed computing - Client-server computing. (7 Hours, 10 marks)



## Module V

Internet protocol suite in the internet environment - Domain Name System (DNS) -Generic Top Level Domain (g TLD) - Country Code Top Level Domain (cc TLD) -Indian - Allocation of second level domains - IP addresses - Internet Protocol Applications of internet in business, Education, Governance, etc. (Theory 10 Hours, 10 marks)

### Reference Books:

1. Ron Mansfield, Working in Microsoft office, Tata Me Graw Mill (2008)
2. Ed Bott, woody Leonard, Using Microsoft Office 2007, Pearson Education (2007)
3. R.K.Taxali, PC Software Made Simple.
4. Stephen L.Nelson , Office 2000 Complete Reference.
5. Joyce Cox ,Polly Orban, Quick course in Microsoft Office.
6. Gimi Couster , Mastering Office 2000.
7. Rajkamal, Internet and Web Technologies, Tata McGraw Hill (2007).

## BCM6B15 COMPUTERISED ACCOUNTING WITH TALLY

Lecture Hours per week: 5, Credits: 5

Internal: 20, External: 80, Examination 2.5 Hours

### Objectives:

- > To enable the students to acquire basic knowledge in the computerized accounting systems and its applications in the area of business.  
(Out of the 80 lecture hours, the ratio between theory and practical hours shall be 3:2)

## Module I

Introduction to Accounting: Accounting basis and terms -Branches of accounting - Mode of accounting - Manual accounting - Computerized accounting fundamentals.

Accounting with Tally : Introduction to Tally - Tally interface - fl1 features - fl2 configuration - Company creation - Accounting groups - Accounting ledgers - Accounting vouchers - Vouchers entry. (15 Hours, 15 marks)

## Module II

Inventory Management with Tally - Stock groups - Stock items - Stock category -Unit of measures - Godown inventory vouchers (Pure inventory and inventory vouchers).

Integration of Accounting with Inventory : Bill wise details - Invoicing - Voucher entry -Cost centre - Cost category - Budget and control - Bank reconciliation - Interest calculation – Order Processing - Stock valuation methods - Reorder levels - Tracking numbers - Bill of material - Inventory ageing. (25 Hours, 25 marks)

## Module III

Tax Application in Tally - Introduction to GST - GST activation and classification -GST computation - Composite GST - Input Tax credit - Tax Invoice, Credit and Debit Notes-Returns-Transfer of Input Tax Credit- Time and Value of Supply-Recent features. (15 Hours, 15 marks)

## **Module IV**

Accounting and Inventory Reports - Trading, Profit and loss A/c - Balance Sheet -Ledgers - Cost centre and budget reports - Cash book and bank book - Inventory reports - Decision supporting tools - Ratio analysis - Cash flows - Fund flow - Budgeting system - Printing of reports - Voucher and bill printing etc. (15 Hours, 15 marks)

## **Module V**

Technology Advantage of Tally - Tally audit - Tally vault - Back up, restore, merge and split of database - ODBC interface - Export and import of data - web enabled reporting - On line support of software. (10 Hours, 10 marks)

### **Reference Books:**

1. A.K. Nadhani and K.K. Nadhani,Implementing Tally 6.3, 1/e BPB Publications, New Delhi.
2. Namrata Agarwal, Tally 6.3 , 2004 Edition , Dream Tech., New Delhi.
3. Sridharan,,Narmadha Publications, May 2003.

## **Core courses in the area of Specialization – Travel and Tourism**

### **BCM5B10 TOURISM PRINCIPLES AND PRACTICES**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To enable the students to understand the basic concepts, principles and the current practices of tourism in India.

## **Module I**

Tourism an Overview: Meaning and definition of tourism, traveler, visitor, excursionist and transit visitor - International and domestic tourist - Elements, nature and characteristics of tourism - Types and forms of tourism - Inter disciplinary approaches to tourism - Historical perspective of tourism - Major travel motivations - Tourism demand -Types of tourism demand - Evolution of tourism demand. (10 Hours, 15 marks)

## **Module II**

Tourism Industry and Impacts: Structure and components of tourism industry- Tourism system - Positive and negative impacts of tourism - Economic, socio- cultural, and environmental impacts - Nature of impacts - Economic and socio-cultural measures for maximising benefits and minimising costs. (12 Hours, 15 marks)

### **Module III**

Tourism Organizations: Role of different tourism organizations - UNWTO, WTTC, PATA, IATA, National Tourist Organizations (NTO) - Role and functions of Ministry of Tourism, Government of India, ITDC - Major public sector organizations in Kerala Tourism : DOT, Government of Kerala, KTDC and DTDCs. (12 Hours 15 marks,)

### **Module IV**

Tourism Planning and Development: Concept of tourism planning - Evolution of tourism planning - Significance, levels and types of tourism planning - Process in tourism planning - Leadership and co-operation in tourism development plans - Role of Government, private sector and NGOs - Factors responsible for growth and development of tourism at the global and national levels - Factors inhibiting growth of tourism - Tourism scenario and future - Tourism trends at national and international levels - Five year plans and major tourism development initiatives - National and state tourism policies. (20 Hours, 20 marks)

### **Module V**

Tourism and Environment: Concept and types of environment in tourism - Relationship between tourism & environment - Meaning and principles of sustainable tourism development - Steps in sustainable tourism development - Environment impact assessment - Types, importance and factors influencing carrying capacity - Role of tourist and community participation in sustainable tourism - Approaches to sustainable tourism -Eco-tourism - Responsible tourism - Responsible tourism initiatives in Kerala. (10 Hours, 15 marks)

#### **Reference Books:**

1. A.K Bhatia , International Tourism , Sterling Publishers
2. G.S Batra, Tourism in 21<sup>st</sup> Century, Anmol Publishers
3. P.C Sinha, Tourism Impact Assessment, Kaniska Publishers
4. K.C Sharma, Tourism Policies, Planning Strategies, Pointer Publishers
5. Kishan K.Kamra ,Managing Tourist Destination ,Kanishka Publishers
6. Pran Nath Seth, Sushama Seth Bhat, An Introduction to Travel and Tourism, Sterling Publishers.
7. V.Harikumar, A.S Dileep,T.Rajesh, Tourism Trends and Strategies, Sonali Publishers
8. Kerry Godfrey and Jackie Clarke, Tourism Development Hand Book, Cassell, London.
9. Foster Douglas , Travel & Tourism Management, Me. Millan, London
10. Cooper Fletcher, Gilbert and Wanhill, Tourism Principles and Practices, ELBS with Pitman, London
11. Page J Stephen, Brunt Paul, Connel Jo et al, Tourism A Modern Synthesis, Thomson Publishers, London
12. Charles R. Goeldner & Brent Ritchie, J.R. ,Tourism, Principles, Practices, Philosophies, John Wiley and Sons, New Jersey.

### **BCM5B11TOURISM PRODUCTS AND PROMOTION**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

– To enable the students to acquire knowledge about the tourism product and promotion.

### **Module I**

Tourism Product: Meaning and definition of tourism product - Salient features of tourism product - Components of tourism product - Tourism resources as products - Categories of tourism resources: Natural, cultural, events, activities - Peter's inventory of tourist attraction - Tourism resource audit - Resource inventory and evaluation - Concept of tourist destination - Tourist and tourism product - Classification of tourists. (12 Hours, 15 marks)

### **Module II**

Natural Tourism Resource: Hill and mountain tourism - Himalayan and non Himalayan hill resorts in India - Role of desert, beaches, islands, rivers and lakes in Indian tourism -Wildlife tourism in India - Major wildlife circuits - Major wildlife sanctuaries and national parks in India. (12 Hours, 15 marks).

### **Module III**

Culture and Tourism : Culture and tourism inter-relationship - Tourism culture Vs cultural tourism in India - Elements of culture - Socio cultural tourism resources in India - Architectural heritage of India - Historical monuments : museum, art galleries and libraries - Important shrines of the Hindus, Buddhist, Jain, Sikh, Muslim, Christians and others - Classical and folk dance forms and styles in India - Classical vocal music schools - Fairs and festivals of India - Cuisines, customs, costumes and handicrafts of India -Ayurveda, yoga and meditation - Conservation of cultural heritage of India. (18 Hours, 20 marks)

### **Module IV**

Manmade Resources: Relationships between leisure, recreation and tourism - Urban and rural recreation - Barriers to recreation - Gender and social constraints - Range of recreation businesses - Adventure sports - Commercial attractions - Amusement parks -Gaming - Shopping - Live entertainments - House boats -Tree houses - Home stays. (12 Hours, 15 marks)

### **Module V**

Tourism Promotion: Concept of tourism promotion - Approaches to promote tourism product - Push and pull strategies - Dimensions of tourism promotion - Objectives -Advertisement - Process and tools - Public relation - Concept and tools - Sales promotion: Concept and techniques - Tourist publicity - Media and types - Tourist information centres - Tourist guides. (10 Hours, 15 marks)

Reference Books:

1. A.K Bhatia, International Tourism, Sterling Publishers
2. P.C. Sinha, Tourism Marketing, Anmol publishers

3. Ratandeep Singh, Infrastructure of Tourism in India, Kaniska
4. Ratandeep Singh, Tourism Marketing, Kaniska
5. Acharya Ram, Tourism and Cultural Heritage of India, ROSA Publication
6. Ministry of Information and Broadcasting, Government of India, The Gazette of India: History and Culture, Vol.2,
7. Hussain.A.K, The National Culture of India, National Book Trust,
8. Mukerjee.R.K, The Culture and art of India, George Allen Unwin Ltd,
9. Kishan K.Kamra, Managing Tourist destination, Kanishka
10. Pran Nath Seth, Sushama Seth Bhat, An Introduction to Travel and Tourism Sterling.
11. Stephen Ball, Encyclopedia of Tourism Resources in India, B/H.
12. Manoj Dixit, Tourism products, New Royal Book Co. Robinet Jacob, Indian Tourism Products, Abhijeet Publications,
14. George Torkildsen, Leisure and Recreation Management, Fourth Edition, E&FN Spon, London

### **BCM6B14 TOURIST TRANSPORT AND TOUR OPERATION**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

> To help the students to understand system of tourist transport and tour operation and to know current development and practices in these areas.

#### **Module I**

Tourist Transport System: Tourist transport systems in the world - Transportation and Travel evolution - Role of transport in tourism - Road, rail, water, and air transport - Role of Railways in tourism - Indian Railways and tourism - Major tourist trains in India - Concept of cruises - Road transportation - Major transcontinental, international and National Highways - Coach travel - Role of Government in road transport in India - Car rental agency operations.

(20 Hours, 20 marks)

#### **Module II**

Air Travel - History of aviation - Airline terminology - Embarkation and disembarkation procedures - Major air travel routes - Airport codes - Codes of major airlines - Baggage handling - Airport security - freight - Guidelines for special handling of passengers - Role of IATA and ICAO

History and growth of airlines in India - major airports, air routes and airlines in India - An overview of ticketing - Basic elements of air Fares - Air Ticketing process - Parts of a ticket - Types of tickets - Details of an automated ticket.

(20 Hours, 20 marks)

#### **Module III**

Travel Agency: Travel agency business - Functions and types of travel agency - Linkages and integration with the principal service providers - Setting up a full-fledged travel agency - Sources of income of a travel agency - IATA and DOT rules for travel agency approval -

Passport and visa - Types of visa - Preparing visa cases - Formalities required for various visas.  
(15 Hours, 15 marks)

#### **Module IV**

Tour Operation: Difference between travel agent and tour operator - Types of tour operators - Package tour and its components - Types of package tours - Formulation, designing, costing and selling a tour package - Tour itinerary - Meaning and its importance - Types of itineraries - Factors affecting in designing a tour itinerary- Role of UFTAA and TAAI. (15 Hours, 15 marks)

#### **Module V**

Information Technology in Tourism: Modern mass media techniques - Passenger reservation systems - Computer in airlines and railways - CRS Vs GDS - Use of IT in travel agency - Consumer access to travel information systems: Websites - Automated ticket machines - Information Kiosks.  
(10 Hours, 10 marks)

#### **Reference Books:**

1. Jagmohan Negy, Travel Agency & Tour Operation Concepts & Principles, Kanishka
2. A.K Bhatia , International Tourism, Sterling Publishers
3. Pran Nath Seth , Sushama Seth Bhat, An Introduction to Travel and Tourism, Sterling
4. Puspinder .S. Gill, Dynamics of Tourism , Anmol Publishers.
5. Ratan Deep Singh, Infrastructure of Tourism in India , Kanishka
6. Endres Guntar ,Vital Guide, Major Airlines of the World (2nd edition), Motrbooks Intl.
7. Senguttuvan P. S, Fundamentals of Air Transport Management, Excel Books.
8. Gupta S.K, International Airfare & Ticketing Methods and Techniques, UDH Publishers.
9. Ratandeep Singh, Tourism and Transport Management :Practice and Procedures, Kanishka
10. Garg, Deepa , Travel Agency and Ticketing, Mohit Publication
11. Stephen J. Page, Transport for Tourism, Pearson Education
12. Sheldon J. Pauline, Tourism Information Technology, CABI Publishing New York.
13. Hirst Mike ,Air Transport System, Woodhead Publishing Ltd.
14. Doganis Rigas, The Airline Business (2nd edition), Routledge.

### **BCM6B15 HOSPITALITY MANAGEMENT**

Lecture Hours per week: 5, Credits: 5

Internal: 20, External: 80, Examination 2.5 Hours

#### **Objectives:**

> To give the students a broad overview of the basic concepts of hospitality management and to help them to make use of the opportunities in this sector.

## **Module I**

Introduction to Hospitality Industry: Definition of hotel - History of hotel industry Economic significance - Linkage among hospitality, tourism and travel industry - Classification of hotels on the basis of size, location, clientele, duration of stay, level of service, ownership - Alternative accommodations. (15 Hours, 15 marks)

## **Module II**

Hospitality Industry in India: Indian concept - History of hospitality establishments in India - Western impact - Development in the 20<sup>th</sup> century - Star rating of hotels - Major hotel chains in India - Types of ownership and management of hotels - Proprietary, franchise and management contract - Organizational structure and chart of a major hotel - Major departments of a hotel. (15 Hours, 15 marks)

## **Module III**

Front Office and House Keeping Functions: Sections and layout of front office -Functions of front office - Attributes of front office personnel - Methods of hotel reservations - Recording the reservations - Complaint handling - Paging - Functions of information section - Role of lobby manager - Reception office equipments - Hotel tariff plans - Types of guest rooms - Mode of settling bills of guests - Concept and areas of housekeeping - Staffing pattern of housekeeping department. (25 Hours, 25 marks)

## **Module IV**

Food and Beverage: Concept of food and beverage preparation - Methods of cooking foods - Staffing in hotel kitchen - Style of food service - Indian styles of food service -Types of menu - Planning menu - Room service and buffet service - Guest reception in restaurant. (15 Hours, 15 marks)

## **Module V**

Safety and Security in Hotel: Safety precautions - Major security considerations - Water quality defects and treatments - Handling of chemical hazards - Management of internal air quality of hotel. (10 Hours, 10 marks)

### **Reference Books:**

1. Yogendra K .Sharma, Hotel Management Educational and Environmental Aspects, Kanishka.
2. A.K Bhatia , International Tourism , Sterling Publishers
3. M.Kumar, Basics of Food and Beverage Management, Axis Publications
4. Andrews, Sudhir, Food & Beverage Service: A Training Manual, Tata McGraw Hill.
5. James A Bardi, Hotel Front Office Management, John Wiley and Sons.
6. Andrews, Sudhir, Text Book of Front Office Management & Operations, Tata McGraw Hill.
7. Jerome J Vallen, Gary K Vallen, Check in & Check out: Managing Hotel Operations, Prentice Hall.

8. George, Bobby, Food & Beverage Service, Jaico.
9. G Raghubalan & Raghubalan Smritee, Hotel House Keeping : Operations & Management, Oxford University Press, USA.
10. Singh Malini, George Jaya B. (2008), House Keeping Operations, Design and Management, Jaico.
11. Muhammed Zulfikar, Introduction to Tourism and Hotel Industry, VikasCore

## **Core courses in the area of Specialization – Islamic Finance**

### **BCM5B10 Introduction to Islamic commercial banking**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

#### **Module I**

The concept of Islamic Banking – Evolution and history of Islamic banking - development of interest free banks- Modern Islamic Banks. Principles of Islamic finance- - Prohibition of *riba*, *gharar* and *mysir*-rationale of prohibitions – trade and *riba* (10 Hours, 15 marks)

#### **Module II**

Functioning of Islamic banks- Deposit products in Islamic banks-current account, savings account and investment account- -*al wadiah*, *qard* and *mudaraba* principles- special investment account and general investment account- difference between conventional banking and Islamic banking (10 Hours, 15 marks)

#### **Module III**

Financing products- equity based products- *mudaraba*, *musharaka* and declining *musharaka*- various issues and merits of these techniques in finance operation- difference between conventional equity finance and participatory finance (15 Hours, 15 marks)

#### **Module IV**

Debt based financial products- *murabaha*- conditions and steps for *murabaha* practice- *murabaha* and *musawama*- *bai*, *muajjal* - Issues in product management and its area of application Forward sales- *bai* "*salam* and *isthisnah*- method of operation and practice of *salam* contract-parallel *salam*- *Isthisnah* –conditions for practice- difference between *salam* and *isthisnah*-area of application. (15 Hours, 20 marks)

#### **Module V**

Leasing contract-*ijara*-basic rules of leasing-leasing as a mode of financing-permanent leasing and *ijara wa iqthinah* –securitization of *ijarah* –Uses of *ijara* - *Qard hasana*, *a* "*rahn*, *wakala* , *ju* "*alah* and *kafala* based products - practicing of *hisbah* in Islamic banks and its conditions (14 Hours, 15 marks)

Reference Books:



- 1) Kamal, Mohd Hashim. A Shari'a Analysis of Issues in Islamic Leasing. International Islamic University Malaysia
- 2) Obaidullah, Mohammed. Islamic Financial Services. Jeddah: Islamic Economics Research Center; King Abdulaziz University, 2005.
- 3) Ayub, Muhammad. Islamic Banking and Finance: Theory and Practice. 1st ed. Karachi: State Bank of Pakistan, 2002.
- 4) Usmani, Dr. Muhammad I. Meezan Bank's Guide to Islamic Banking. 1st ed. Karachi: Darul Ishaat, 2002.
- 5) Usmani, Muhammad T. An Introduction to Islamic Finance. 1st ed. Karachi: Idaratul Ma'Arif, 1999.
- 6) Interest free banking by Najathulla Siddiqui, Markazi Makthaba Islami publishers, New Delhi
- 7) Al-Zuhayli, W. (2003). *Financial Transactions in Islamic Jurisprudence* (M. A. El-Gamal, Trans. Vol. 1-2). Damascus: Dar al-Fikr.
- 8) Askari, H., Iqbal, Z., Mirakhor, A. & Krichenne, N. (2010). *The Stability of Islamic Finance: Creating a Resilient Financial Environment for a Secure Future*. Singapore: John Wiley & Sons (Asia).
- 9) Ayub, M. (2007). *Understanding Islamic Finance*. West Sussex, England: John Wiley & Sons.
- 10) Chapra, M. U. (1988). Towards an Islamic Financial System. *Journal of Islamic Economics*, 1(2), 1-30.
- 11) Chapra, M. U. (1998). Relevance and Importance of Islamic Economics. In M. Kahf (Ed.), *Lessons in Islamic Economics* Vol. 1, 99-114. Jeddah: Islamic Research and Training Institute (IRTI). Seminar Proceedings No. 41.
- 12) Choudhury, M. A. (2007). Development of Islamic Economic and Social Thought. In M. K. Hassan & M. K. Lewis (Eds.), *Handbook of Islamic Banking*, 21-37. Cheltenham, UK: Edward Elgar.
- 13) El-Gamal, M. A. (2006). *Islamic Finance, Law, Economic and Practice*. Cambridge: Cambridge University Press.

### **BCM5B11 -Fundamentals of Islamic commercial law**

Lecture Hours per week: 4, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Module I

Fundamentals of Islamic finance – Islamic Sharia- sources and Objectives of Islamic shariah- wealth and ownership in Islamic perspective. (10 Hours, 15 marks)

### **Module II**

Goals of economic activities in Islamic perspective - Business ethics in Islamic economics and finance- fair dealing-justice-mutual co operation, fair pricing- The Main Prohibitions and promotions.  
(16 hours, 20 marks)

### Module III

Islamic law of contract-evolution of Islamic commercial law - general framework of contract-elements of contracts - offer and acceptance - elements of subject matter-mutual consent- Prohibition of Two Mutually Contingent Contracts- rules for validity of a contract - Types of Contracts -Valid Contracts -Voidable (Fasid) Contracts and Void (Batil) Contracts- commutative and non-commutative contracts (18 hours, 20 marks)

### Module IV

Trading in Islamic commercial law-legality of trading-requirements of a valid sale contract - conditional sales and two bargain in one sales- ethics of sale contract  
(12 hours, 15 marks)

### Module V

Loan and debt in Islamic commercial law-rules of debt contract- the substance of loans-time value of money in loans and debts- termination of a loan contract- *Bai,, al Dayn*  
(8 hours, 10 marks)

Ref:

- 1) Hubbard, R. G. (2005). *Money, the Financial System and the Economy* (5th ed.). Boston: Pearson Addison-Wesley.
- 2) Ibn 'Ashur, M. A.-T. (2001-1421AH). *Maqasid al-Shariah al-Islamiyyah*. Jordan: Dar-al- Nafa'is.
- 3) Ibn Hajar, al-A. (1928). *Bulugh al-Maram min Adillah al-Ahkam*. Matba'ah al-Salafiyyah.
- 4) Ibn Qayyim, a.-J. (n.d.). *I,,l\_m al-Muwaqq,,in* Vol. 3. Cairo: Id\_rah al-Tib\_ 'ah al- Mun\_riyyah.
- 5) Iqbal, Z. (June 1997). Islamic Financial Systems. *Finance & Development*, Vol. 34, 42-45.
- 6) Iqbal, Z. & Mirakhor, A. (2007). *An Introduction to Islamic Finance: Theory and Practice*. Singapore: John Wiley & Sons (Asia).
- 7) Kahf, M. (Ed.) (1998). *Lessons in Islamic Economics* Vol. 1. Jeddah: Islamic Research and Training Institute (IRTI). Seminar Proceedings No. 41.
- 8) Kamali, M. H. (1998). Al-Maqasid al-Shari'ah: The Objectives of Islamic Law. *The Muslim Lawyer*, Vol.3(1), 1-7.
- 9) Kamali, M. H. (2008). *Shari"ah Law: An Introduction*. Oxford: Oneworld Publications.
- 10) Khan, M. F. (2002). *Fiqh Foundations of the Theory of Islamic Economics: A Survey of Selected Contemporary Writings on Economics Relevant Subjects of Fiqh*. In H. Ahmed (Ed.), *Theoretical Foundations of Islamic Economics*, 61-85. Jeddah: Islamic Research and Training Institute (IRTI). Book of Readings No. 3.

### BCM6B14 - Foundations of Islamic accounting theory and practice

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

## Module I

Fundamentals of Islamic accounting-accounting objectives and Islamic world view-Islamic perspective of accounting- elements of financial statements- ethics in accounting (15 hours, 15 marks)

## Module II

Financial statements of Islamic banks-principles of accounting- Islamic accounting standard-important accounting standards issued by AAOIFI-general disclosure in the financial statements-statements of financial position (20 hours, 20 marks)

## Module III

Financial reporting in Islamic financial institutions- Accounting for Islamic Deposit and Investment Account- Accounting for *Mudarabah* Financing and Accounting for *Musharakah* Financing (20 hours, 20 marks)

## Module IV

Accounting for *Murabahah* Financing and Accounting for *Ijarah* Financing-*ijara wa iqthinah* (15 hours, 15 marks)

## Module V

Accounting for securities financing-accounting measurement issues- accounting disclosure requirements- (10 hours, 10 marks)

Ref:

- 1) Dr. Abdul Rahim Abdul Rahman, The introduction to Islamic accounting theory and practice; IIUM Malaysia
- 2) AAOIFI, Statement of Financial Accounting (SFA) 1 (Accounting Objectives), Manama: Bahrain.
- 3) Abdul Rahman A. R. and Goddard A.R, (1998). –An Interpretive Inquiry of Accounting Practices in Religious Organisations in Malaysia - Emergent Theoretical Perspectives||, *Financial Accountability and Management*, Vol. 14 (3): pp 183 - 202.
- 4) Abu-Sulayman, A, (1994). *Crisis in the Muslim Mind*, International Institute of Islamic Thought: Herndon, USA.
- 5) Al-Attas, S.N, (1995). *Prolegomena to the Metaphysics of Islam*, International Institute of Islamic Thought and Civilization: Kuala Lumpur.
- 6) Al-Faruqi, I.R, (1992). *Al-Tawhid: It"s Implications for Thought and Life*, International Institute of Islamic Thought: Herndon, USA.
- 7) Al-Safi, A.K., (1992). *Accountability: Islam versus the Manmade Doctrines*, DarulFikr, Kuala Lumpur.
- 8) Napier, C (2007). –Other Cultures, Other Accountings? Islamic Accounting from Past to Present||, *Proceeding 5th. Accounting History International Conference*, Banff: Canada.

- 9) Hamid, S., R. Craig, and F. Clarke (1993). –Religion: A Confounding Cultural Element in the International Harmonization of Accounting. || *Journal of Accounting Finance and Business Studies* (ABACUS) 29.
- 10) Hassan, M.K. (1995) –Worldview Orientation and Ethics: A Muslim Perspective. || *Proceedings of the International Conference on Development, Ethics and Environment*, Kuala Lumpur.

### **BCM6B15 - Islamic investment funds and insurance**

Lecture Hours per week: 5, Credits: 5

Internal: 20, External: 80, Examination 2.5 Hours

#### **Module I**

Capital markets Islamic perspective- -Islamic appraisal of capital market- Sharia compliance shares- norms of *shariah* screening- business structure of an enterprise- indebtedness- business practices- earnings and cash receivables- qualitative and quantitative screening- Islamic Rating Systems — Factors affecting innovation in Islamic Banking and Capital Market. (20 Hours, 20 marks)

#### **Module II**

Islamic bonds (*Sukuk*)-Essential differences between conventional bonds and *sukuk*-Types of *sukuk*- scope of *sukuk* in modern times- AAOIFI Sukuk standards - Alternative Sukuk structure - Sukuk and the private sector - Rating Sukuk - Risks associated with Sukuk. (18 Hours, 18 marks)

#### **Module III**

Investment products in Islamic finance- Islamic Equity Market Funds - Real Estate Investment Trusts - Islamic Hedge Funds- real estate funds-venture capital finance- role and structure (17 hours, 17 marks)

#### **Module IV**

Islamic insurance (*Takaful*)-need for insurance- principles of insurance- Structure and models of insurance-Types of insurance-different models-difference between conventional insurance and Islamic insurance- different products in Islamic insurance-Reinsurance and *re-takaful* (15 hours, 15 marks)

#### **Module V**

Islamic Capital market and Insurance in modern era - Islamic Market Indices - Dow Jones Islamic Market index (DJIM) - FTSE Global Islamic Index Series- Islamic insurance companies (10 hours, 10 marks)

Ref:

- 1) Adam, Nathif J., and Abdulkader Thomas. *Islamic Bonds: Your Guide to Issuing, Structuring and Investing in Sukuk*. Euromoney Books, 2004.

- 2) Muhammed Ayyub; *Understanding Islamic finance*; John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex PO19 8SQ, England, 2007
- 3) Aly Khurshid; *Islamic insurance, a modern approach to Islamic banking*; Rout edge Curzon publishers, London 2004.
- 4) Venture capital, *Islamic finance and SMEs*, Mansoor Durani and Graham Boocock, Antony Rowe Ltd, Chippenham and Eastbourne. Great Britain, 2006
- 5) Obaidullah, Mohammed *Introduction to Islamic microfinance*, IRTI, IDB, Jeddah 2008
- Madura, J. (2008). *Financial Markets and Institutions* (8th ed.). Mason, Ohio: South-Western.
- 6) Melicher, R. W. & Norton, E. A. (2008). *Introduction to Finance: Markets, Investments, and Financial Management*. (13th ed.). New Jersey: John Wiley & Sons.
- 7) Mishkin, F. S. & Eakins, S. G. (2009). *Financial Markets and Institutions* (6th ed.). New York: Pearson and Prentice Hall.
- 8) Siddiqi, M. N. (2004). *Riba, Bank Interest and the Rationale of Its Prohibition*. Jeddah: Islamic Economics Research Center. Visiting Scholars\_ Research Series No. 2.
- 9) Viney, C. (2007). *McGrath's Financial Institutions, Instruments and Markets* (5th ed.). North Ryde, Australia: McGraw-Hill Irwin.
- 10) Visser, H. (2009). *Islamic Finance: Principles and Practice*. Cheltenham, UK: Edward Elgar Publishing Limited.
- 11) Vogel, F. E. & Hayes, S. L. (1998). *Islamic Law & Finance: Religion, Risk & Return*. The Hague: Kluwer Law International.

## SYLLABI FOR COMPLIMENTARY COURSES

### BCM1C01 MANAGERIAL ECONOMICS

Lecture Hours per week: 5, Credits: 4

Internal: 20, External 80, Examination 2.5 Hours

Objectives:

*The objective of the course is to acquaint students with the basic principles of micro and macroeconomics for developing the understanding of theory of the firm, markets and the macro environment, which would help them in managerial decision making processes.*

#### Module I

Managerial Economics:- – Definition and characteristics – Nature and Scope - Economics Vs Managerial Economics - Decision making and forward planning – Relationship of managerial economics with other disciplines - Basic economic tools in management economics – The role of managerial economist.  
(10 Hours, 10 marks)

#### Module II

Theory of consumer behaviour: - Cardinal analysis - Law of diminishing marginal utility – consumer surplus; Ordinal approach – indifference curve analysis – consumer equilibrium – income consumption curve and price consumption curve – Hicksian decomposition of price effect in to substitution effect and income effect – Demand curve for normal, inferior and giffen goods – concept of elasticity of demand – measurement of various elasticities – Elasticity of supply.  
(20 Hours, 20 marks)

#### Module III

Market structure:-

- Perfect competition: – profit maximization and equilibrium of firm and industry – short run and long term supply curves – price and output determination.
- Monopoly: – Price determination under monopoly – equilibrium of firm – comparison between perfect competition and monopoly – price discrimination.
- Monopolistic competition: price and output determination – product differentiation – comparison with perfect competition – excess capacity under monopolistic competition.
- Oligopoly:  
indeterminate pricing and output – classical models of oligopoly – price leadership - collusive oligopoly – kinked demand curve.  
(20 Hours, 20 marks)

#### Module IV

An overview of Indian economy - Indian economy since 1991 - Basic characteristics of Indian economy - Factors that led to the opening up of Indian economy - Indian economy under WTO regime - Issues in Indian economy: Problems of growth, unemployment, poverty, inequality in income distribution, inflation – The role of parallel economy – The role of Government in a market economy.  
(15 Hours, 15 Marks)

#### Module V

Structure and direction of India's foreign trade and India's trade regulation and promotion - Exchange rate policy – Intellectual Property Rights - Foreign capital and MNCs in India,

Trade reforms - An overview of Kerala economy - Trade and commerce in Kerala - Industrial development of the state - the role of small scale industries in Kerala economy.

(15 Hours, 15 marks)

### **Reference Books:**

1. R.L. Varshney and K.L. Maheswari, Managerial Economics
2. Ahuja. HL; Business Economics, S. Chand & co.
3. D.N. Dwivedi, Managerial Economics
4. Dr. S. Sankaran, Managerial Economics
5. DM Mithani: Business Economics
6. Seth M L Text Book of Economic Theory
7. K K Dewett: Economic Theory
8. Dutt & Sundaram: Indian Economy
9. Petersen &. "Lewis: Managerial Economics
10. Mote V L peul. S & Gupta G S: Managerial Economics
11. H. Craig Petersen & W. Cris lewis: Managerial Economics
12. Dr. P.N. Reddy and H.R, Appanaiah : Essentials of Business Economics
13. Barry Keating and J. Holton Wilson: Managerial Economics

### **BCM2C02 MARKETING MANAGEMENT**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- >To provide basic knowledge about the concepts, principles, tools and techniques of marketing.
- >To impart necessary knowledge which help the student to choose a career in the field of marketing.
- >To expose the students to the latest trends in marketing.

#### **Module I**

Marketing Management: The value of marketing–Core marketing concepts–The new marketing realities–Philosophy of marketing - Creating long term loyalty relationships – Marketing management tasks –Analyzing consumer markets-Factors influencing consumer behaviour-Buying decision process - market segmentation; bases for segmenting consumer markets – market targeting - marketing of services - rural marketing in India; potential, challenges and strategies.

(20 Hours, 20 marks)

#### **Module II**

Creating and Capturing Value: The fundamentals of product management; product levels; customer value hierarchy– Classification of product–Managing brands and brand equity-Product and Services differentiation-Product and brand relationships - Product Life Cycle Marketing Strategies - New product development-Packaging, labeling, Warranties and Guarantees.

Pricing to capture value; setting the price; methods of pricing; pricing strategies; pricing for rural markets.

(20 Hours, 20 marks)

### Module III

Delivering Value: Distribution -marketing channels and value networks-role of marketing channels-channel design and management decision-channel integration and system-conflict, cooperation and competition-Managing retailing, wholesaling and logistics-Direct and online marketing  
(10 Hours, 10 marks)

### Module IV

Communicating Value: Integrated Marketing Communications; role of marketing communication; developing effective communication; marketing communication mix - managing advertising; deciding on media and measuring effectiveness ; communicating to rural audience- Sales Promotion-Personal selling; principles of personal selling-Events and experiences-Public relation-Interactive marketing-word of mouth marketing.  
(15 Hours, 15 marks)

### Module V

E-commerce and E-marketing: Concept and nature; Reason for growth of e-marketing - E-commerce marketing practices; types of E-commerce; E-commerce business models; E-commerce marketing strategies - M-commerce marketing practices- Electronic Payment System-Security issues in E commerce.  
(15 Hours, 15 marks)

#### Reference Books:

1. Philip Kotler, Kevin Lane Keller, “*Marketing Management*” (15e), Pearson India Education Services Pvt Ltd
2. V S Ramaswamy & S Namakumari, “*Marketing Management*” (Latest Edition)- McGraw Hill Education ( India) Private Limited, New Delhi
3. S.A. Sherlekar, “*Marketing Management-Concepts and Cases*”, Himalaya Publishing House Pvt Ltd
4. William J Stanton, “*Fundamentals of Marketing*”, McGraw Hill Publishing Co, New York
5. Lamb. Hair, McDaniel, –*Marketing*”, Cengage Learning Inc USA.
6. Rayport, Jeffrey F and Jaworski, Bernard J, “*Introduction to E-Commerce*”, Tata Mc Graw Hill, New Delhi

### BCM3C03 Human Resources Management

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To familiarize the students with the different aspects of managing human resources in an organization.
- > To equip the students with basic knowledge and skills required for the acquisition, development and retention of human resources.

### Module I

Introduction to Human Resource Management—Importance--scope and objectives of HRM. Evolution of the concept of HRM- Approaches to HRM- Personal management Vs Human Resource Management-HRM and competitive advantage- Traditional Vs Strategic Human



Resource Management - E-HRM - Operational E-HRM - Relational E-HRM - Transformational E-HRM. (20 Hours, 20 marks)

## **Module II**

Human resource planning, Recruitment and selection—Job analysis---process of job analysis- job discretion- job specification-- methods of job analysis-- Conventional Vs strategic planning—job evaluation—Recruitment--source of recruitment-methods. (18 Hours, 18 marks)

## **Module III**

Placement, Induction and Internal mobility of human resource. Training of employees—need for training-objectives- approaches --methods-training environment- areas of training- Training evaluation. (12 Hours, 12 marks)

## **Module IV**

Performance appraisal and career planning. Need and importance- objectives process-methods and problems of performance appraisal- . Concept of career planning –features-methods –uses career development (12 hours, 15 marks)

## **Module V**

Compensation management and grievance redressal. Compensation planning objectives- Wage systems- factors influencing wage system-. Grievance redressal procedure- discipline-approaches-punishment-essentials of a good discipline system. Labour participation in management. (18 Hours, 15 marks)

## **References:**

1. Human Resource Management- Text and Cases-- VSP Rao
2. Human Resource Management – Pravin Durai
2. Human Resource Management—Snell, Bohlander
3. Personal Management and Human Resources—VenkataRatnam .Srivasthava.
4. A Hand Book of Personnel Management Practice—Dale Yolder

## **BCM4C04 QUANTITATIVE TECHNIQUES FOR BUSINESS**

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

## **Objectives:**

- > To familiarize student with the use quantitative techniques in managerial decision making.

## **Module I**

Quantitative Techniques - Introduction - Meaning and definition - Classification of Q.T - QT and other disciplines - Application of QT in business - Limitations.

(10 Hours, 10 Marks)

## **Module II**

Correlation and Regression Analysis: Meaning and definition of Correlation - Karl Pearson's co-efficient of correlation - Rank correlation - Regression - Types - Determination of simple linear regression - Coefficient of determination. (20 Hours, 20 Marks)

### **Module III**

Set Theory - Venn Diagrams - Probability: Concept of probability - Meaning and definition - Approaches to probability - Theorems of probability - Addition Theorem - Multiplication Theorem - Conditional probability- Inverse probability- Baye's Theorem. (15 Hours, 15 Marks)

### **Module IV**

Theoretical Distribution: Basic assumptions and characteristics - Probability distribution - Fitting of probability distribution - Binomial distribution - Fitting of binomial distribution - Poisson distribution - Fitting of Poisson distribution - Normal distribution - Features and properties - Standard normal curve. (20 Hours, 20 Marks)

### **Module V**

Quantitative approach to decision making- Types and steps in decision making-Decision tree analysis-Different types of models-Model building steps - Linear programming-concepts - Mathematical formulation - Solution of LPP using graphic method (15 Hours, 15 Marks)

### **Reference Books:**

1. Richard I. Levin and David S. Rubin, Statistics for Management, Prentice Hall of India, latest edition.
2. S.P.Gupta, Statistical Methods, Sultan Chand, latest edition
3. Sanchetti and Kapoor, Statistics, Sultan Chand.
4. G.C.Beri, "Statistics For Managemet", Tata Me Graw Hill, 2003.
5. J.K. Sharma, "Business Statstics:, Pearson, 2004
6. Anderson Sweeney Williams, "Statistics for Business and Economics", Thomson.
7. R.P.Hooda, "Statistics for Business", Me Millan.
8. Levine Krebiel & Bevenson, "Business Statistics", Pearson edition, Delhi.
9. J K Sharma, Quantitative Methods- Theory and applications, Mac Millan
10. P.C. Tulsian & Vishal Pandey, Quantitative techniques-Theory and Problems, Pearson
11. V.K Kapoor and Sumant Kapoor- OR Techniques for management- Sultan Chand & Sons

## **SYLLABI FOR OPEN COURSES (For Students from Other Departments)**

### **BCM5D01 E-COMMERCE**

Lecture Hours per week: 3, Credits: 3

Internal: 15, External: 60, Examination 2 Hours

Objectives:

- > To enable the students to understand basics of E- Commerce.
- > To Gain a practical orientation to E-Commerce and E- Business management.

#### **Module I**

Introduction to E-Commerce: Meaning and concept - E-Commerce v/s Traditional Commerce - E-Business & E-Commerce - History of E- Commerce - EDI - Importance, features & benefits of E- Commerce - Impacts, challenges & limitations of E-Commerce -Supply chain management & E-Commerce - E- Commerce infrastructure - Business Models of E - Commerce: Business to business - Business to customers -customers to customers - Business to government - Business to employee - E - Commerce strategy - Influencing factors of successful E- Commerce. (20 Hours, 20 marks)

#### **Module II**

Marketing Strategies & E - Commerce: Website - Components of website - Concept & designing website for E- Commerce - Corporate website - Portal - Search Engine - Internet advertising - Emergence of the internet as a competitive advertising media - Models of internet advertising - Weakness in internet advertising. (18 Hour, 10 marks)

#### **Module III**

Electronic Payment System: Introduction - Online payment systems - prepaid and postpaid payment systems - E-cash - E- cheque - Smart card - Credit card - Debit card -Electronic purse - Security issues on electronic payment system - Solutions to security issues - Biometrics - Types of biometrics. (10 Hours, 10 marks)

#### **Reference Books:**

1. Turban, Efraim, David King et. el.: Electronic Commerce: A Managerial Perspective, Pearson Education Asia, Delhi.
2. Kalakota, Ravi: Frontiers of Electronic Commerce, Addison - Wesley, Delhi.
3. Rayport, Jeffrey F and Jaworksi. Bernard J: Introduction to E-Commerce, Tata McGraw-Hill
4. Smantha Shurety,: E-Business with Net Commerce, Addison - Wesley, Singapore.
5. Rich, Jason R: Stalling an E-Commerce Business, IDG Books, Delhi.
6. Laudon, Kenneth C and Carol Guercio Traver : E-Commerce business. Technology. Society, Pearson Education, Delhi.
7. Stamper David A. and Thomas L.Case: Business Data Communications, Pearson Education, New Delhi.
8. Willam Stallings: Business Data Communications. Pearson Education, New Delhi.

## **BCM5D02 -BASICS OF ENTREPRENEURSHIP AND MANAGEMENT**

Lecture Hours per week: 3, Credits: 3

Internal: 15, External: 60, Examination 2 Hours

Objective:

> To enable the students to have an understanding of the basics of business, entrepreneurship and organizational management.

### **Module I**

Foundation of Business : Concept of business – Industry, Trade and Commerce – Classification of Industry, Types of trade and Aids to trade – Forms of Business enterprises- Sole trader – Partnership - Joint-stock Companies – Cooperative organisations – One man company. Factors to be considered while setting up of a business - Social Responsibility of business.  
(18 Hours, 15 marks)

### **Module II**

Entrepreneurship: Concept of entrepreneur - Characteristics of entrepreneur - Functions of an entrepreneur - Difference between entrepreneur and manager – Micro, Small and Medium Enterprises, Definition, Registration procedure of Sole proprietorship and partnership units.  
(10 Hours, 10 marks)

### **Module III**

Management Concepts: Meaning - Nature and characteristics of management - Management as science, art and profession - Levels of management –Henry Fayol's Principles of management. Functions of Management : Planning - Steps in planning – Organising - Types of organisation – Line, Staff and Functional- Centralisation Vs decentralisation - Authority Vs responsibility - Staffing – Elements of Staffing - Directing - Leadership - Leadership styles - Controlling - Steps in controlling .  
(20 Hours, 15 marks)

References:

1. Poornima M Charantimath, Entrepreneurship Development and Small Business Enterprise, Pearson Education
2. Manjeeth Kalra, Entrepreneurship Development and Planning, AITBS Publishers
3. S.Anil Kumar, Entrepreneurship Development , New Age Publishers
4. E Gordon & K Natarajan, Entrepreneurship Development, Himalaya Publishing House
5. Basu, Business Organisation and Management, Tata McGraw Hill.
6. Gupta. C.B, Modern Business Organisations, Mayur Paper Backs.
7. Mishra, N, Modern Business Organisation, Sahitya Bhawan
8. Singh, B.P., T.N. Chhabra , Business Organisation and Management, Dhanpat Rai & Co.
9. Prasad. L.M., Principles and Practice of Management., Sultan Chand & Sons.
10. Rao. V.S.P, Narayana.P.S., Principles and Practice of Management, Sultan Chand & Sons
11. Koontz, H and Wehrick, H , Management, McGraw Hill Inc.
12. Khanka.S.S. Entrepreneurship Development , Sultan Chand

## **BCM5D03 BASIC ACCOUNTING**

Lecture Hours per week: 3, Credits: 3

Internal: 15, External: 60, Examination 2 Hours

Objectives:

→ To enable the students to acquire knowledge of Accounting Principles and Practice

### **Module I**

Basic Accounting Concepts: Kinds of accounts - Financial Accounting Vs Management Accounting - Double Entry book keeping - Rules of debit and credit - Preparation of Journal and Ledger accounts - Problems. (20 Hours, 15 marks)

### **Module II**

Subsidiary Books : Cash Book - Types of Cash Book - problems - Purchase Book -Sales Book - Sales Return Book - Purchases Return Book - Journal Proper - Trial Balance (18 Hours, 15 marks)

### **Module III**

Final Accounts of sole trading concerns: Trading and Profit & Loss Account - Balance Sheet - Problems with simple adjustments. (10 Hours, 10 marks)  
(Theory and Problems may be in the ratio of 40% and 60% respectively)

Reference Books:

1. Grewal T.S., Double Entry Book Keeping
2. Jain and Narang , Advanced Accountancy.
3. Shukla and Grewal, Advanced Accountancy.
4. Gupta and Radhaswamy, Advanced Accountancy.
5. Gupta. R.L, Advanced Accountancy.

## SYLLABUS OF COMMON COURSES

### BCM3A11 BASIC NUMERICAL METHODS

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

To enable the students to acquire knowledge of numerical equations, matrices progressions, financial mathematics and descriptive statistics

At the end of this course, the students will be able to understand, numerical equations, matrix, progression, financial mathematics, descriptive statistics and their applications.

#### Module I

Numerical expressions and Equations: Simultaneous linear equations (up to three variables), Quadratic equations in one variable-factorization and quadratic formula

(10 Hours, 10 marks)

#### Module II

Matrices: introduction - type of matrices – trace and transpose and determinants - matrix operations – adjoint and inverse –rank- solving equations by matrices: Cramer's Rule (not more than three variables).

(15 Hours, 15 marks)

#### Module III

Sequence, Series and Progression : Concepts and differences - Arithmetic progression-  $n$ th term and sum of  $n$  terms of an AP - Insertion of Arithmetic means in AP - Geometric progression-  $n$ 'th term and sum of  $n$  terms of an GP - Insertion of Geometric Mean in GP - Harmonic progression.

(20 Hours, 15 marks)

#### Module IV

Interest and Time value: Concept of interest-Types of interest: Simple interest and compound interest – nominal, real and effective rate of interest - Future value and Present Value; Annuity and Perpetuity - Computing future and present values of annuity (regular and immediate) - multi and growing period perpetuity - Compound annual growth rate - computation of Equated Monthly Instalments (EMI).

(15 Hours, 15 marks)

#### Module V

Descriptive Statistics: Measures of Central Tendency – Mean: Arithmetic mean, Geometric mean and Harmonic Mean- Median, Mode and other position values - Measures of Dispersion: mean deviation, quartile deviation, standard deviation and coefficient of variation - Measures of Skewness and Kurtosis.

(20 Hours, 25 marks)

#### Reference Books

1. Business Mathematics and Statistics- N G Das & J K Das (Tata McGraw Hill)
2. Basic Mathematics and its Application in Economics – S. Baruah (Macmillan )
3. Mathematics for Economics and Business – R. S. Bhardwaj (Excel Books)
4. Business Statistics – G. C. Beri (Tata McGraw Hill)
5. Fundamentals of Statistics – S.C.Gupta (Himalaya Publishing House)
6. SP Gupta ,Statistical Methods, Sultan Chand
7. Dinesh Khattar-The Pearson guide to quantitative aptitude for competitive examinations.
8. Dr. Agarwal.R.S – Quantitative Aptitude for Competitive Examinations, S.Chand and Company Limited.
9. Abhijit Guha, Quantitative Aptitude for Competitive Examinations, Tata Mcgraw Hill,

(Theory and problems may be in the ratio of 20% and 80% respectively. An over view of the topics is expected and only simple problems shall be given)

## **BCM3A12 PROFESSIONAL BUSINESS SKILLS**

Lecture Hours per week: 5, Credits 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

To update and expand basic Informatics skills of the students

To equip the students to effectively utilize the digital knowledge resources for their study

### **Module I**

Professionalism: Meaning -Definition – Characteristics - Traits and Qualities of a good professional - Professionalism in business - Professional Skills: important soft skills for business success- Professionalism in Communication: Verbal Communication: Professional Presentation - Different Presentation Postures- Written Communication: Email - Significance of Email in business – Email etiquette: format - rules – dos and don'ts - Technical Documentation: Standards – Types (15 Hours, 15 marks)

### **Module II**

E-Learning :Introduction of electronic learning - benefits and drawbacks of e-Learning - Online education - Digital age learners - Knowledge resources on internet - E-books, Audio, Video and other means for e-learning- Introduction to e-content development and tools - Online libraries – MOOCs - The e-Learning as a service Industry - major technologies used in e-earning- different approaches for e-Learning delivery - E-learning in India (12 Hours, 12 marks)

### **Module III**

Business Data Analysis : Features of New Generation Computers – Concept of data analysis – Business Data Analysis – Data Analyst – Types of analysts - organisation and source of data, importance of data quality, dealing with missing or incomplete data- Social Networking Analysis – Big Data Analysis - Role of Data Scientist in Business & Society - Role of Artificial Intelligence and Intelligent Agents in e-business - Ethical and Legal considerations in Business Analytics (18 Hours, 18 marks)

### **Module IV**

Socio - Cyber Informatics: IT and society - Digital Divide – Digital natives-Cyber space-New opportunities and threats - Cyber ethics - Cyber-crimes -Types - Cyber Laws – Organisations related with cyber laws-Cyber addictions - Information overload - Health issues - e-waste and Green Computing –Recent E-governance initiatives in India (15 Hours, 15 marks)

### **Module V**

Digital Marketing : Introduction to Digital marketing Environment –meaning & Concept – Need for digital marketing – Advantages and disadvantages of digital marketing -Trends in digital marketing- Types of digital marketing – Business models in digital marketing Business to Business (B2B), Business to Customer (B2C), Customer to Customer (C2C), Business to Employees (B2E), Business to Government (B2G) - Online advertising - types of online advertising - Top e-commerce websites around the world and its scenario in India. PPC (Pay per Click) advertising – Search engine Analytics – search engine ads – social media channels and ads (20 Hours, 20 marks)

## References Books:

1. Professional Business Skills – Lee Pelitz 2<sup>nd</sup> Edition
2. Peter Norton, Introduction to Computers, Tata McGraw Hill Private Limited, New Delhi, 2009.
3. Alan Evans, ITL ESL, Leslie Lamport, Dolores Etter, Darren George, Kenneth C Laoudon, Gary Rogers, Rainer Handel, INFORMATICS -Technology in Action, Pearson Education, Delhi, 2009.
4. V.Rajaraman, Introduction To Information Technology, PHI Learning Private Limited, New Delhi, 2009.
5. Daniel Minoli & Emma Minoli, Web Commerce Technology Hand Book, Tata McGraw Hill, New Delhi, 2009
6. Godfrey Parkin, Digital Marketing: Strategies for online success, New Holland publishers Ltd, 2009
7. Damian Ryan, Understanding Digital marketing: Marketing strategies for Engaging the Digital generation, Kogan page, 3<sup>rd</sup> Edition, 2014
7. Jonah Berger, Contagious Why things catch on, Simon & Schuster, 2013
8. Turban E, Armson, JE, Liang, TP & Sharda, Decision support and Business Intelligence Systems, 8<sup>th</sup> Edition, John Wiley & Sons, 2007
9. Frank J. Ohlhorst, Big Data Analytics, 1st Edition, Wiley, 2012.
10. Efraim Turban, Ramesh Sharda, Jay Aronson, David King, Decision Support and Business Intelligence Systems, 9th Edition, Pearson Education, 2009
11. Microsoft Office 2007 Business Intelligence - Reporting, Analysis, and Measurement from the Desktop, Doug Harts, TATA McGraw-Hill Edition, 2008
12. Data Mining for Business Intelligence: Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner, Galit Shmueli, Nitin R. Patel, Peter C. Bruce, Wiley Publication, 2010
13. Data Mining: Concepts and Techniques II, Morgan Kaufmann Publication, 3<sup>rd</sup> Edition, 2011
- Data Science for Business – What you need to know about data mining and data-analytic thinking, Foster Provost, Tom Fawcett, O'Reilly Media Publication, 2013

## BCM4A13 ENTREPRENEURSHIP DEVELOPMENT

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

### Objectives:

- > To familiarize the students with the concept of entrepreneurship.
- > To identify and develop the entrepreneurial talents of the students.
- > To generate innovative business ideas in the emerging industrial scenario.

### Module I

Concepts of entrepreneur: Entrepreneur- Definitions - Characteristics of entrepreneur- Classification of entrepreneur- Entrepreneurial traits - Entrepreneurial functions - role of entrepreneurs in the economic development - Factor effecting entrepreneurial growth – Entrepreneurship – Meaning – definition - Entrepreneur vs Intrapreneur - Women Entrepreneurs - Recent development – Problems - Entrepreneurial Development Programmes - Objectives of EDP - Methods of training - Phases of EDP. (15 Hours, 15 marks)

### Module II



Institutional support and incentives to entrepreneurs- Functions of Department of Industries and Commerce (DIC) - Activities of Small Industrial Development Corporation (SIDCO)- Functions of National Small Industries Corporation(NSIC)- Functions of Small Industries Development Bank of India (SIDBI) - Khadi Village Industry Commission (KVIC)-Small Industries Service Institute (SISI)- Functions and services of Kerala Industrial Technical Consultancy Organisation (KITCO)-Activities of Science and Technology Entrepreneurship Development Project (STEDP)-Strategies of National entrepreneurship Development Board (NEDB) -Objectives of National Institute for entrepreneurship and small business development (NIESBUD) - Techno park-Functions of techno park Incentives- Importance- Classification of incentives – Subsidy - Types of Subsidy (17 Hours, 15 marks)

### Module III

Micro Small and Medium Enterprises- Features- Objectives- Importance- Role of SME in the economic development- MSME Act 2006- Salient features- Credit Guarantee Fund Trust Scheme for MSMEs - Industrial estates-Classification-Benefits- Green channel- Bridge capital- Seed capital assistance-Margin money schemes –Single Window System- Sickness- Causes –Remedies- Registration of SSI (15 Hours, 15 marks)

### Module IV

Setting up of Industrial unit-(Only Basic study) Environment for Entrepreneurship – Criteria for selecting particular project- Generating project ideas-Market and demand analysis- Feasibility study- Scope of technical feasibility- Financial feasibility- Social cost benefit analysis-Government regulations for project clearance-Import of capital goods- approval of foreign collaboration-Pollution control clearances- Setting up of micro small and medium enterprises-Location decision- Significance. (18 Hours, 20 marks)

### Module V

Project Report - Meaning-Definition - Purpose of project reports-Requirements of good report - Methods of reporting - General principles of a good reporting system - Performa of a project report - Sample project report. (The preparation of sample project report shall be treated as an assignment of this course). (15 Hours, 15 marks)

#### Books Recommended:

1. Shukla M.B. Entrepreneurship and small Business Management, Kitab Mahal Allahabad.
2. Sangram Keshari Mohanty, Fundamentals of entrepreneurship, PHI, New Delhi.
3. Nandan H. Fundamentals of Entrepreneurship, PHI, New Delhi.
4. Small-Scale Industries and Entrepreneurship, Himalaya Publishing ,Delhi
5. C.N.Sontakki, Project Management, Kalyani Publishers, Ludhiana.
6. Sangam Keshari Mohanty. Fundamentals of Entrepreneurship, PHI, New Delhi
7. Peter F. Drucker- Innovation and Entrepreneurship.
8. Vasanth Desai, Small Business Entrepreneurship, Himalaya Publications.
9. MSME Act 2006.

## BCM4A14 BANKING AND INSURANCE

Lecture Hours per week: 5, Credits: 4

Internal: 20, External: 80, Examination 2.5 Hours

Objectives:

- > To enable the students to acquire knowledge about basics of Banking and Insurance.
- > To familiarize the students with the modern trends in banking.

### Module I

Introduction to Banking : Meaning and definition - Origin and development of banking – Customer of a bank - Structure of banking in India - Banks and economic development - Functions of commercial banks (conventional and innovative functions) - Central bank -RBI – Functions - Emerging trends in banking.

Activity: List out the name of banks as per their different category

Assignment: Procedure for creating an account in a bank (15 Hours, 15 marks)

### Module II

Negotiable Instruments : Definition - Characteristics - Types - Parties to negotiable instruments -Cheques - Types of cheques - Crossing of cheques - Drafts - Cheque vs. Draft - Endorsement -Significance - Regularity of endorsement - Liability of endorser -Electronic payments.

Activity / Assignment:

- Writing of cheque , writing of challan for Demand Draft
- Procedures for a Bank Loan. (15 Hours, 15 marks)

### Module III

E-Banking-centralized online real time electronic banking ( CORE)-Electronic Clearing service (ECS) - Electronic Fund Transfer - Real Time Gross settlement (RTGS)—National Electronic Fund transfer(NEFT)-society for worldwide interbank financial telecommunication(SWIFT) - E-cheque - Any Time Money - ATM.s- Credit card - Debit card-smart card - Internet banking - mobile banking - Tele-banking - financial inclusion - recent initiatives in financial inclusion.

Activity / Assignment:

- Chelan filling for RTGS, EFT and NEFT
- Different types of Cards, the Procedure for application of different cards and the Procedure for blocking cards
- Procedure for application or activation of net banking, m-banking and tele-banking. (20 Hours, 20 marks)

### Module IV

Introduction to insurance: Concept - need of insurance-insurance as a social security tool - insurance and economic development-principles of insurance - various kinds of insurance - life and general insurance (fire, marine, medical, personal accident, property and motor vehicle insurance) - features-life insurance Vs. general insurance.

Activity / Assignment: List out different names of insurance companies (15 Hours, 15 marks)

## Module V

Life insurance-law relating to life insurance-general principles of life insurance contract, proposal and policy—Assignment and nomination - title and claims - general insurance - law relating to general Insurance - IRDA - powers and functions - insurance business in India.

Case Study: Preparation of a proposal for life insurance and how to claim insurance in case of any accident, death or damage. (15 Hours, 15 marks)

### Reference Books:

1. Sheldon H.P : Practice and Law of Banking.
2. Bedi. H.L : Theory and Practice of Banking.
3. Maheshwari. S.N. : Banking Law and Practice.
4. Shekar. K.C : Banking Theory Law and Practice.
5. Pannandikar & Mithami': Banking in India.
6. Radhaswamy & Vasudevan: Text Book of Banking.
7. Indian Institute of Bankers (Pub) Commercial Banking Vol-I/Vol-II (part I& II)Vol- III.
8. Varshaney: Banking Law and Practice.
9. Dr. P. Periasamy: Principles and Practice of Insurance Himalaya Publishing House, Delhi.
10. Inderjit Singh, Rakesh Katyal & Sanjay Arora: Insurance Principles and Practices,Kalyani Publishers, Chennai.
11. M.N. Mishra: Insurance Principles and Practice, S. Chand & Company Ltd, Delhi.
12. G. Krishnaswamy : Principles & Practice of Life Insurance
13. Kothari & Bahl: Principles and Practices of Insurance
14. B.S. Khubchandani, "Practice and Law of Banking",Mac Millan India Ltd
15. K.C. Nanda," Credit Banking", Response Book, Sage Publication, 1999

## BCM6B16 RESEARCH METHODOLOGY

(For those who do not opt for project/SDE students)

**Teaching Hours: 4, Credit: 2**

**Internal: 15, External: 60, Examination: 2 Hours**

### **Objectives**

To make students conversant with the procedure, techniques, and tools to conduct research to facilitate management in decision making activity.

### **Unit I**

**Introduction to Research:** Introduction to Research and Statistics: Role of Research in Business, Value of Information, Cost of Information, Decision to Conduct Research, Research Design, Types of Research, Research Process. (10 Hours, 4 marks)

### **Unit II**

**Sources of Data:** Primary and secondary data - Sources of Secondary Data, Scales of Measurement, Validity and Reliability. (8 Hours, 4 marks)

### **Unit III**

**Primary Data Collection:** Observation and Its Different Types, Selection of Method of Data Collection, Qualitative Research Methods: Focus Group, Behaviour Mapping, Consumer Journey, Delphi Study, Extreme Users' Interview, Quantitative Research Methods: Various Types of Interviews: Mail Interview, Person to Person Interviews, Telephonic Interviews. Data collection using Electronic Interface like the Internet, Pilot Survey and Its Conduct, Components and Design of Questionnaire, Open ended question Vs. Multiple choice questions. (20 Hours, 15 marks)

### **Unit IV**

**Sampling:** Population Defined, Sampling Frame, Sampling Vs. Census, Steps in Selecting a Sample. Types of Sampling Methods: Probabilistic: Simple Random Sampling Stratified Random Sampling, Cluster Sampling. Non-Probabilistic: Convenience Sampling, Judgment Sampling and Quota Sampling, Determination of Sample Size, Concepts of Errors in Research - Sampling and Non-Sampling Errors and Measures to Reduce Errors. (16 Hours, 10 marks)

### **Unit V**

Module V: Report Writing and Evaluation-Introduction, Types of Reports, Planning Report Writing, Research Report Format, Principles of Writing, APA Style of Using References, Documentation: Footnotes and Bibliography, Writing the Report, Typing the Report, briefing, Evaluation of a Research Report. (10 Hours, 7 marks)

### **Suggested Readings**

1. N. K. Malhotra: *Marketing Research: An Applied Orientation*, Prentice Hall, Delhi, 2007.
2. R. I. Levin and D. S. Rubin: *Statistics for Management*, Pearson Education, Delhi, 1994
3. C. Donald, P. Schindler and J. K. Sharma: *Business Research Methods*, (12th Ed.), McGraw Hill Education, New Delhi, 2014

4. K. N. Malhotra, and D. Satyabhushan: *Marketing Research*, Pearson Education, Delhi, 2015
5. Alan Bryman, Bell Emma (2015), *Business Research Methods*, Oxford University Press, Delhi, 2015
6. S. Mark, L. Philip, and T. Adrian: *Research Method for Business Student*, Pearson Education, Delhi, 2011.
7. H. F. Joseph, B. C. William, B. J. Babin and A. E. Rolph: *Multivariate Data Analysis*, Pearson Education, Delhi, 2015.
8. O.R Krishnaswami, M. Ranganathan, P N Harikumar :*Research Methodology*, Himalaya Publishing House (latest edition)

## **MODEL QUESTION PAPER**

**University of Calicut**

**B. Com First Semester Examination April.....**

**BMC1B01 Business Management**

**Max marks-80**

**Time -Two and Half hours**

### **Section A - Answer all questions. (2 marks each) (Max. 25 Marks)**

1. Discuss the importance of CSR.
2. Why organizations need policies?
3. What is delegation?
4. Write any two features of MBO
5. Write a short note on any two types of plan
6. Define informal organization.
7. Are decentralization and departmentation are the same? If not how they are different?
8. Write any two assumptions of theory Y
9. Who is a democratic leader?
10. Are morals and ethics same concepts?
11. Explain eudemonism.
12. What do you mean by corporate citizenship?
13. What are human reactions to change?
14. Briefly explain Utilitarianism
15. Define globalisation.

### **Section B - Answer all questions. (5 marks each) (Max. 35 Marks)**

16. What are the arguments in favor of business ethics?
17. Discuss the importance of CSR.
18. What are the major causes for resistance to change?
19. Discuss various approaches to CSR.
20. Critically evaluate Herzberg's motivation-hygiene theory.
21. Distinguish between manager and leader
22. Discuss various types of communication.
23. Briefly explain CSR activities in India.

### **Section C - Answer any two of the following. (10 marks each)**

24. Explain organization as a management function. Also explain the characteristics and the process of organising.
25. What are the ethical issues in the international business sphere? Write about the major ethical initiatives of global corporates in the era of globalization.
26. Explain in detail the important leadership theories.
27. Critically examine teleological theories of business ethics.

### **Annexure-1**

#### **Method of Indirect Grading**

Evaluation (both internal and external) is carried out using Mark system. The Grade on the basis of total internal and external marks will be indicated for each course, for each semester and for the entire programme.

Indirect Grading System in 10 -point scale is as below:

## Ten Point Indirect Grading System

Percentage of Marks (Both Internal & External put together)	Grade	Interpretation	Grade point Average (G)	Range of grade points	Class
95 and above	O	Outstanding	10	9.5 -10	First Class with Distinction
85 to below 95	A+	Excellent	9	8.5 -9.49	
75 to below 85	A	Very good	8	7.5 -8.49	
65 to below 75	B+	Good	7	6.5 -7.49	First Class
55 to below 65	B	Satisfactory	6	5.5 -6.49	
45 to below 55	C	Average	5	4.5 -5.49	Second Class
35 to below 45	P	Pass	4	3.5 -4.49	Third Class
Below 35	F	Failure	0	0	Fail
Incomplete	I	Incomplete	0	0	Fail
Absent	Ab	Absent	0	0	Fail

### Example – 1 SGPA Calculation

Semester I Course Code	Course Name	Grade Obtained	Grade point (G)	Credit (C)	Credit point (CXG)
xxxxxxx	Xxxxxxx	A	8	4	32
xxxxxxx	Xxxxxxxxx	C	5	3	15

xxxxxxx	Xxxxxxxxx	A+	9	4	36
xxxxxxx	Xxxxxxxxx	B+	7	3	21
xxxxxxx	Xxxxxxxxx	P	4	3	12
xxxxxxx	Xxxxxxxxx	C	5	4	20

SGPA = 
$$\frac{\text{Sum of the Credit points of all courses in a semester}}{\text{Total Credits in that semester}}$$

$$\text{SGPA} = \frac{32+15+36+21+12+20}{21} = \frac{136}{21}$$

$$\text{SGPA} = 6.476$$

$$\text{Percentage of marks of semester I} = (\text{SGPA}/10) \times 100 = 64.76 \%$$

Note: The SGPA is corrected to three decimal points and the percentage of marks shall be approximated to two decimal points.

### Example: 2

Semester II Course Code	Course Name	Grade Obtained	Grade point (G)	Credit (C)	Credit point (CXG)
xxxxxxx	Xxxxxxx	A	8	4	32
xxxxxxx	Xxxxxxxxx	C	5	3	15
xxxxxxx	Xxxxxxxxx	A+	9	4	36
xxxxxxx	Xxxxxxxxx	B+	7	3	21
xxxxxxx*	Xxxxxxxxx	F	0	3	0
xxxxxxx	Xxxxxxxxx	C	5	4	20

\*Failed course

Note: In the event a candidate failing to secure 'P' grade in any Course in a semester, consolidation of SGPA and CGPA will be made only after obtaining 'P' grade in the failed Course in the subsequent appearance.

### **CGPA Calculation**

$$\text{CGPA} = \frac{\text{Total Credit points obtained in six semesters}}{\text{Total Credits acquired (120)}}$$

Example

$$\text{CGPA} = 136 + 145 + 161 + 148 + 131 + 141 / 120 = 862/120$$

$$\text{CGPA} = 7.183$$

$$\text{Total percentage of marks} = (\text{CGPA}/10) * 100$$

$$\text{Total \% of marks} = (7.183/10) * 100 = 71.83$$

$$\text{CGPA of Core Courses} = \frac{\text{Total Credit points obtained for Core Courses}}{\text{Total Credits acquired for Core Courses}}$$



Similarly CGPA of Complementary courses, Open courses, English Common courses and Additional Language Common courses may be calculated and the respective percentage may be calculated. All these must be recorded in the Final Grade Card.

## ANNEXURE II

### Guidelines for the Evaluation of Projects

#### 1. PROJECT EVALUATION- Regular

- Evaluation of the Project Report shall be done under Mark System.
- The evaluation of the project will be done at two stages :
  - a) Internal Assessment (supervising teachers will assess the project and award internal Marks)
  - b) External evaluation (external examiner appointed by the University)
  - c) Grade for the project will be awarded to candidates, combining the internal and external marks.

The internal to external component's is to be taken in the ratio 1:4. Assessment of different components may be taken as below.

<b>Internal (20% of total)</b>	<b>External (80% of Total)</b>		
<b>Components</b>	<b>Percentage of internal marks</b>	<b>Components</b>	
Originality & Punctuality	20	Relevance of the Topic, Statement of Objectives, Research methodology	20
Use of data and Methodology	20	Quality of analysis, Tools used for analysis. Findings, Suggestions and conclusion Findings and Recommendations	30
Scheme/ Organisation of Report	30		
Viva – Voce	30	Viva – Voce	50
Total	100	Total	100

- External Examiners will be appointed by the University from the list of VI Semester Board of Examiners in consultation with the Chairperson of the Board.

- The Chairman of the VI semester examination should form and coordinate the evaluation teams and their work.
- Internal Assessment should be completed 2 weeks before the last working day of VI Semester.
  - Internal Assessment marks should be published in the Department.
- The Chairman Board of Examinations, may at his discretion, on urgent requirements, make certain exception in the guidelines for the smooth conduct of the evaluation of project.

## 2. PASS CONDITIONS

- Submission of the Project Report and presence of the student for viva are compulsory for internal evaluation. No marks shall be awarded to a candidate if she/ he fail to submit the Project Report for external evaluation.
  - The student should get a minimum P Grade in aggregate of External and Internal.
  - There shall be no improvement chance for the Marks obtained in the Project Report.
- In the extent of student failing to obtain a minimum of Pass Grade, the project work may be re-done and a new internal mark may be submitted by the Parent Department. External examination may be conducted along with the subsequent batch.

### Annexure-III

#### Scheme of Examinations:

The external QP with 80 marks and internal examination is of 20 marks. Duration of each external examination is 2.5 Hrs. The pattern of External Examination is as given below. The students can answer all the questions in Sections A & B. But there shall be Ceiling in each section.

<b>Section A</b> Short answer type	2 marks	15 questions	Ceiling - 25
<b>Section B</b> Paragraph/ Problem type	5 marks	8 questions	Ceiling - 35
<b>Section C</b> Essay type	10 marks	2 out of 4	2X10=20