

WEST BENGAL STATE UNIVERSITY



Department of Commerce & Management **DRAFT OF THE SEMESTER-WISE COURSE STRUCTURES**

Final Draft Syllabus **B.Com. (Honours) Course**

UNDER THE CHOICE BASED CREDIT SYSTEM (CBCS)
Recommended by the University Grants Commission (UGC)

[To be implemented from the Academic Session 2018-19]

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**Three year B.Com Honours Course
 Structure of Syllabus under Semester System with CBCS
 to be effective from the Academic Session 2018-19**

Sem	Core Course (CC)	Ability Enhancement Core Course (AECC)	Skill Enhancement Course (SEC)	Generic Elective (GE)	Discipline Specific Elective (DSE)	Total
I	2	1		1		4
II	2	1		1		4
III	3		1	1		5
IV	3		1	1		5
V	2				2	4
VI	2				2	4
A. Total Courses	14	2	2	4	4	26
B. Credit per course	6	2	2	6	6	
Total Credits (A x B)	84	4	4	24	24	140

Three year B.Com. Honours Course
Semester wise Structure of Syllabus CBCS
To be effective from the Academic Session 2018-19

Year 1: Semester 1

Subject Code	Subject	Credit
FACACOR01T	Financial Accounting I	6
FACACOR02T	Principles & Practice of Management	6
FACHGEC01T	Business Economics	6
ENVSAEC01T	Environmental Studies	2
	Total	20

Year 1: Semester 2

Subject Code	Subject	Credit
FACACOR03T	Cost & Management Accounting I	6
FACACOR04T	Marketing Management and Human Resource Management	6
FACHGEC02T	Business Mathematics & Statistics	6
ENGSAEC01M	Language : English Modern Indian Language	2
	Total	20

Year 2: Semester 3

Subject Code	Subject	Credit
FACACOR05T	Business Regulatory Framework	6
FACACOR06T	Direct Taxation	6
FACACOR07T	Financial Accounting II	6
FACHGECO3T	Business Communication & E-Commerce	6
FACSSEC01M	Information Technology & its Business Application	2
	Total	26

Year 2: Semester 4

Subject Code	Subject	Credit
FACACOR08T	Company Law	6
FACACOR09T	Indirect Taxation	6
FACACOR10T	Cost & Management Accounting II	6
FACHGEC04T	Entrepreneurship Development	6
FACSSEC02M	Tax Returns & Filing of Tax Returns	2
	Total	26

Year 3: Semester 5

Subject Code	Subject	Credit
FACACOR11T	Auditing	6
FACACOR12T	Indian Financial System	6
FACADSE01T To FACADSE06T	DSE 1 TO DSE 6 from Group-A (Any two DSEs are to be chosen) [For details see Table-1]	6+6
	Total	24

Year 3: Semester 6

Subject Code	Subject	Credit
FACACOR13T	Financial Management	6
FACACOR14T	Research Methods & Project Work	6
FACADSE07T To FACADSE12T	DSE 7 TO DSE 12 from Group-B (Any two DSEs are to be chosen) [For details see Table-2]	6+6
	Total	24
	Grand Total	140

DISCIPLINE SPECIFIC ELECTIVE COURSES

Table-1 : Group-A

<i>Course Code</i>	<i>Course Name</i>
FACADSE01T	Banking & Insurance
FACADSE02T	Corporate Accounting
FACADSE03T	Consumer Behaviour & Customer Relationship Management
FACADSE04T	Product & Pricing Management and Marketing Communication
FACADSE05T	Fundamentals of Computer
FACADSE06T	DBMS and Networking

Notes : Students must opt for FACADSE01T and FACADSE02T for Finance Specialisation, FACADSE03T and FACADSE04T for Marketing Specialisation and FACADSE05T and FACADSE06T for Systems & Operations Specialisation.

Table-2 : Group-B

<i>Course Code</i>	<i>Course Name</i>
FACADSE07T	Financial Statement Analysis
FACADSE08T	Business Ethics & Corporate Governance
FACADSE09T	Retail Management and Marketing of Services
FACADSE10T	Rural Marketing and International Marketing
FACADSE11T	Internet & WWW and Functional e-Business System
FACADSE12T	Computer Applications and e-Business Applications – Practical

Notes : Students must opt for FACADSE07T and FACADSE08T for Finance Specialisation, FACADSE09T and FACADSE10T for Marketing Specialisation and FACADSE11T and FACADSE12T for Systems & Operations Specialisation.

Year 1: Semester 1

FINANCIAL ACCOUNTING - I

Paper 1: Semester 1

Subject Code : FACACOR01T

Full Marks: 75

[Internal assessment – 25 Marks ; Semester-end Examination – 50 Marks]

Total Credits : 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit	Topic	Details	Hours
1	Introduction	<ul style="list-style-type: none"> • Nature of accounting; Users of accounting information; Qualitative characteristics of accounting information. • Double entry book keeping system – Basic accounting equation, meaning of assets, liabilities, equity, revenue and expenses. Accounting Cycle - Recording of transaction: Journal, Ledger and preparation of Trial Balance. • Bases of accounting; Cash Basis and Accrual Basis. • Basic concepts and conventions: entity, money measurement, going concern, cost, realization, accruals, periodicity, consistency, prudence (conservatism), materiality, matching and full disclosures. 	05
2	Determination of business income	<ul style="list-style-type: none"> • Revenue recognition: Meaning of revenue; objective; timing of recognition. Recognition of expenses • Inventories: meaning. Significance of inventory valuation. Lower of cost or market rule; Inventory ascertainment and reconciliation. • The nature of depreciation--Accounting concept of depreciation--Factors in the measurement of depreciation--Methods of computing depreciation: Straight Line Method and Diminishing Balance Method; Disposal of depreciable assets; Change in estimate and method of charging depreciation. Accounting for depreciation: Asset-depreciation, Asset-provision. • Reserves and provisions: Meaning; Objective; Types & Accounting. • Capital and revenue expenditures and receipts (general introduction only). • Adjustment and rectification entries 	15
3	Introduction to Accounting Standard	Financial Accounting Standards: Concept, Benefits, Procedure for issuing accounting standards in India. Need for a global standard, IFRS (concept only).	15
	Introduction to Accounting Theory	Concept of accounting theory; Relation with practice; GAAP; Capital – Capital Maintenance concepts; Limitations of Historic Cost accounting; Introduction to Fair Value accounting .	
4	Final	Preparation of financial statements of sole proprietorship	

	accounts of Trading Concern	business entities from a trial balance – Manufacturing, Trading, P/L A/c and Balance Sheet.	15
5	Financial statements from Incomplete records and of NPO	Preparation of financial statements: a) from incomplete records b) of non-profit organization	15
6	Accounting for special sales transaction	<ul style="list-style-type: none"> • Consignment: Basic features; Difference with sales. Recording in the books of Consignor – at cost & at invoice price, Valuation of unsold stock; Ordinary commission. Treatment and valuation of abnormal & normal loss. Special commission; Del credere commission (with and without bad debt) – Concept of Consignment Debtors; Recording in the books of Consignee. • Accounting for sale on approval. 	25
	Sectional and Self balancing ledger	<ul style="list-style-type: none"> • Concept of sectional balancing, Self balancing Ledger: advantages; Recording process; preparation of Adjustment accounts. 	
	Insurance claim for loss of stock and for loss of profit	<ul style="list-style-type: none"> • Loss of stock: Physical & ownership concept; Concept of under-insurance and average clause; Computation of claim – with price change; Consideration of unusual selling line; price reduction etc. • Loss of profit: Concept – Insured & uninsured standing charges, GP rate, Short sales and increased cost of working, Average clause and computation of claim (simple problems). 	
			90**

**** including 15 hours for tutorial.**

Notes : Relevant Accounting Standards issued by the Institute of Chartered Accountants of India are to be followed.

Suggested Reading

- ❖ Sukla, Grewal, Gupta: Advanced Accountancy Vol. I, S Chand
- ❖ R. L. Gupta & Radheswamy, Advanced Accountancy Vol. I, S. Chand
- ❖ Maheshwari & Maheshwari, Advanced Accountancy Vol. I, Vikash Publishing House Pvt. Ltd.
- ❖ Sehgal & Sehgal, Advanced Accountancy Vol. I, Taxman Publication
- ❖ B. Banerjee, Regulation of Corporate Accounting & Reporting in India, World Press.
- ❖ Hanif & Mukherjee, Financial Accounting, McGraw Hill
- ❖ Frank Wood, Business Accounting Vol 1, Pearson
- ❖ Tulsian, Financial Accounting, Pearson
- ❖ Accounting Standards issued by ICAI
- ❖ Mukherjee & Mukherjee, Financial Accounting, Oxford Publishing House.

PRINCIPLES AND PRACTICE OF MANAGEMENT

Paper 2 : Semester 1

Paper Code : FACACOR02T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits : 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1. Introduction

[20 L]*

Management - Concept, Importance, Functions; Management as profession; Management as Science and Art, Universality of management; Levels of management; Managerial tasks and skills. Different Schools of Management Thought: Classical School--- Contributions of Taylor and Fayol; Neo-classical School---Human Relations approach and Behavioural Science approach.

Unit 2. Planning

[10 L]

Concept, Importance, Types, Steps, Barriers to effective planning and remedial measures; Strategic Planning---Concept; Forecasting---Concept, Techniques

Unit 3. Organizing

[20 L]

Concept, Importance, Principles, Departmentation – Need, Basis, Principles; Delegation of Authority--- Elements, Steps, Barriers; Centralization and Decentralization of Authority; Span of Management -Concept and determining factors.

Unit 4: Directing and Staffing

[20 L]

Concept of directing, Importance of directing, Leadership: Concepts, Importance, Types, Leadership Traits, Tannenbaum & Schmidt's Model, Blake & Mouton Model, Staffing: Concept & importance

Unit 5. Motivation, Co-ordination and Control

[20 L]

Motivation: Concepts, Importance, McGregor, Maslow and Herzberg theory of motivation, Co-ordination & Control: Concepts, Significance, Principles, Techniques, Steps, Control: Concepts, Importance and tools

Suggested Readings

- ❖ Koontz and Weirich, Essentials of Management, Tata McGraw Hill, New Delhi.
- ❖ Drucker, P F, Management Challenges for the 21st Century, Butterworth, Oxford.
- ❖ Luthans, F, Organizational Behavior, McGraw Hill, New York.
- ❖ Allen, L A, Management and Organisation, Tokyo.
- ❖ Stoner and Freeman, Management, PHI, New Delhi.
- ❖ Griffin, R W, Management, Houghtan Mifflin, Boston.
- ❖ Tripathy, P C, Reddy, P N, Principles of Management, Tata McGraw Hill, New Delhi.
- ❖ Ravichandran, K, Nakkiran, S, Principles of Management, Avinash Paperbacks, Delhi.
- ❖ Jwalkar, Ghanekar & Bhivpathaki, Principles & Practice of Management, Everest Publishing House.

* L = 1 Hour.

BUSINESS ECONOMICS

Paper 3 : Semester 1

Paper Code : FACAGEC01T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits: 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1: Consumer Theory

[18 L]*

Indifference curve approach: Consumer's preferences; Budget line; Consumer's equilibrium; Income consumption curve, Price consumption curve and the derivation of demand curve for a commodity (Normal, Inferior, Giffen); Hicksian decomposition of price Effect into income and substitution effect.

Unit 2: Demand & Supply

[18 L]

(a) Demand and Supply: Law of demand, Determinants of demand, Movements vs. shift in demand curve, Exceptions to the law of demand, Determinants of Supply, Movement along a supply curve vs. shift in supply curve; Market equilibrium and price determination.
(b) Measurement of various Elasticity of demand, Elasticity of supply.

Unit 3: Production and Cost

[12 L]

(a) Production: Concept of production and production function, Homogeneous production function; Law of variable proportions; Isoquant: definition and properties, Return to scale.
(b) Costs: Costs in the short run and in the long run.

Unit 4: Market Structure

(20 L)

(a) Perfect Competition: Assumptions --Theory of a firm under perfect competition, Demand and Revenue, Equilibrium of the firm in the short run and long run.
(b) Monopoly: Short-run and long-run equilibrium of monopoly firm, Concept of supply curve under monopoly, Allocation inefficiency and dead-weight loss monopoly, Price discrimination.
(c) Imperfect Competition: Difference between perfect competitions, monopoly and imperfect competition; (i) Monopolistic Competition: Assumptions; Short run and Long run Equilibrium. (ii) Oligopoly, Duopoly – basic characteristics.

Unit 6: National Income

[12 L]

National Income Accounting, Concepts of GDP, GNP, NNP, NDP, Real and Nominal National Income, Circular flow of income

Unit 7: Money and Inflation

[10 L]

Concept of demand for and supply of money --Quantity theory of money and Keynesian theory of demand for money, Measures of money supply, High powered money, Concept of Inflation, Demand-pull and cost push theories of inflation, Monetary and fiscal policies to control inflation.

Suggested Readings

- ❖ Gould & Ferguson, Micro Economic Theory
- ❖ Banerjee & Majumdar, Business Economics and Business Environment, ABS
- ❖ Banerjee & Majumdar, Banijjik Arthaniti –o-Banijjik Paribesh (Bengali)
- ❖ Dwivedi, D.N., Managerial Economics, Vikash Publications
- ❖ Mankiw.N.G., Principles of Microeconomics, Cengage
- ❖ Das, P. & Sengupta A., Economics , Oxford
- ❖ Samuelson & Nordhaus, Macroeconomics, McGraw Hill

* L = 1 Hour.

Year 1 : Semester 2

COST AND MANAGEMENT ACCOUNTING-I

Subject Code : FACACOR03T

Full Marks: 75

[Internal assessment – 25 Marks; Semester-end Examination – 50 Marks]

Total Credits: 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

UNIT	Topic	Content	Hours
1	Introduction	Definition of costing, Objectives of Cost Accounting And Management Accounting, Cost Accounting Vs. Management Accounting, Installing a good Cost Accounting System, Essentials of good Cost Accounting System, Cost concepts, terms and classification of costs:(Cost, cost object, types of cost, classification of costs, Direct and Indirect cost, Element wise, Function wise ,Behavior wise , Sunk Cost, Opportunity cost, Costing Methods and Techniques(introduction only)	10 L*
2	Materials Material Costs	Purchase of materials: Organization, Purchase procedure, Documentation, Determination of material purchase costs. Storage of materials: Need of storage, location and types, Functions of store keeper, requisition, receipt and issue and transfer of materials, storage record, accounting for material cost. Materials Control: Organization Tools : JIT purchase ; various stock levels; EOQ and ABC Analysis; Periodic Inventory; Perpetual inventory, Physical Verification; Discrepancies of stock and their treatment, Methods of Pricing Material Issues: FIFO,LIFO and Weighted Average, Treatment of Normal and Abnormal Loss of materials.	10 L
3	Labour Employee Cost And incentive systems	Introduction, Recording Labour cost: Attendance and Pay roll Procedures (Time-Keeping, Time- Booking, Payroll procedure, payment of Wages- Piece rate , Differential piece rate , Time rate); Idle Time(Causes and treatment in Cost Accounting). Overtime (its effect and treatment in Cost Accounting) Labour Turnover(causes , impact and methods of calculating labour turn over). Main Principles for sound system of wage incentive shames, labour utilization ; System of wage payment and incentives (Halsey, Halsey-Weir, Rowan and Emerson). Systems of Incentive Schemes for indirect Worker; Component of wages cost for costing purpose.	15 L
4	Overhead and Cost statement	*Introduction : Definition, classification of overhead. Cost Statement- Functional and Behavioral. *Manufacturing overheads: Allocation and Apportionment of overhead; Absorption of overhead ; various methods and their application; treatment of under-absorption/over-absorption of overheads.	20 L

		*Administration and Selling & Distribution Overheads and their charging : an introduction only. *Preparation of Cost Sheet and estimation	
5	Cost Book-keeping	Non-Integrated System: Meaning & Features; Ledgers Maintained ; Accounts prepared ; General/ Cost Ledger Adjustment Accounts; Meaning of closing balance in various accounts; Disadvantages. Reconciliation: Need for reconciliation; Items causing differences between Cost and Financial profits and their reconciliation.	10 L
6	Costing Methods	Job Costing (Job Cost Cards and data bases, collecting direct costs of each job, Attributing overhead costs to jobs, Application of job-costing), Batch Costing. Contract Costing – Progress payments, Retention money, Escalation clause, Contract accounts ,Accounting for material, Accounting for plant used in a contract, Contract profit and Balance Sheet entries. Service Costing and output costing: Introduction; Motor Transport Costing only. Process Costing : Meaning, Features, Process Vs. Job costing, Principles of cost ascertainment for materials, Labour & Overhead; Normal Loss and Abnormal Loss and Gain and preparation of Process Accounts. Inter process profit (Simple cases.)	25 L
			90 L**

**** including 15 hours for tutorial.**

Suggested Readings

- ❖ B, Banerjee, Cost Accounting ,PHI
- ❖ M. Y. Khan & P. K. Jain Management Accounting, TMH
- ❖ Bhattacharyya, Ashish K. Cost Accounting for Business Managers, Elsevier.
- ❖ Hanif, M. Cost & Management accounting, Mc. Graw Hill.
- ❖ Mitra , J.K. Cost & Management Accounting, Oxford.

*** L = 1 Hour.**

MARKETING MANAGEMENT AND HUMAN RESOURCE MANAGEMENT

Paper 2: Semester 2

Subject Code : FACACOR04T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

Total Credits: 6 [90 Hours]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Module: I – Marketing Management (3 Credit)

Unit – 1: Introduction to Marketing Management

[15 L]*

Marketing Management: Definition, Nature & Importance. Distinction between selling & marketing. Traditional & Modern Concept of marketing. Concept of Marketing Environment: Micro & Macro environment of marketing. Marketing Mix: Concept & Elements. Consumer Behaviour: Meaning, Nature & Importance. Consumer decision making Process. Market Segmentation: Concept, Definition & Importance. Bases of Market segmentation. Factors determining Market Segmentation.

Unit – 2 : Product & Pricing [15 L]

Product: Meaning & importance, Classification, Product Mix. Product life Cycle: Definition, Stages, Marketing Strategies in each stage. New product Development Process. Concept & Importance of Branding, Packaging, labeling. Price & Pricing: Concept & importance, Pricing methods & policies. Factors to be considered in pricing of a product.

Unit – 3 : Physical Distribution & Promotion [15 L]

Distribution Channels: Meaning and Importance, Types of Distribution Channel. Factors determining choice of Distribution Channel. Promotion: Meaning & Importance, Promotion Mix-Elements. Concepts of Advertising, Salesmanship, Sales promotion & Publicity. Functions of advertising, essential qualities of Good salesmen.

Suggested readings:

- Kotler & Keller, Marketing Management, Pearson.
- Venugopal, P., Marketing Management, Sage.
- Bhagwati, Pillai, Marketing Management, S.Chand .
- Ramaswamy and Namakumari, Marketing Management, McMillan.
- Dr Pranam Dhar, Monalisa Maity & Bidhan Baidya, Fundamentals of Marketing Management & Human Resource Management, International Publishing House.
- Sushil Mukherjee & Kallol Saha, Marketing Management & Human Resource Management, B.B. Kundu Grandsons.

Module : II Human Resource management (HRM) (3 credit)

Unit – 4 : Fundamentals of HRM [15 L]

Meaning and concept of HRM. Evolution & Developments of HRM (in brief). Nature, objectives, importance, scope and functions of HRM, Job Analysis – Definition, Human resource planning- Definition, features, objectives and needs. Levels of Human resource planning. Process of Human resource planning in an organization.

Unit – 5 : Acquisition & Development of Human Resource [15 L]

Recruitment of Human resources – Sources (internal & external) Advantages and disadvantages of internal and external sources of recruitment. Selection of Human resources – Definition, concept , significance and steps involved in selection process. Needs, objectives, and benefits of Training and Development. Difference between training and education. Different Training methods, their comparative advantages and disadvantages. A brief idea of staff welfare programmes and fringe benefits.

Unit – 6 : Maintenance of Human Resource [15 L]

Job evaluation- Definition, Objectives, procedures and advantages. Job Analysis- Definition, uses , process, purpose methods and aspects (Job description & Job specification). Performance Appraisal - Meaning, objectives, methods of appraisal (brief concept of all traditional and modern methods along with their advantages and disadvantages). Potential Appraisal – objectives and requirements, Remuneration System. Industrial Relations- definition features & objectives, Factors influencing industrial relations. Conditions for sound industrial relations. Importance of industrial relations. Systems approach to industrial relations.

Suggested Readings :

- Prof. A. K. Ghosh: Human Resource Management (with cases) : Manas Publications.
- Dr. P. Dhar, M. Maity & B. Baidya : Fundamentals of Marketing & Human Resource Management: International Publishing House.
- Sushil Mukherjee & Kallol Saha, Marketing Management & Human Resource Management, B.B. Kundu Grandsons
- C. B. Mamoria & S. V. Gankar: Human Resource Management : McGraw Hill
- V.S.P. Rao : Human Resource Management : (Excel Books)
- P. Subba Rao: Essentials of Human Resource Management and Industrial Relations- Text Cases and Games : Himalaya Publishing House
- Michael Armstrong : A Hand Book of Human Resource Management : Kogan Page Ltd.
- M. S. Saiyadin: Human Resource Management : Tata McGraw Hill
- Gary Dressler : Human Resource Management : Prentice Hall
- DeCenzo Robbins: Personnel/Human Resource Management: Prentice Hall.
- K. Aswathappa, Human Resource Management, Himalaya Publishing House.

* L = 1 Hour.

BUSINESS MATHEMATICS AND STATISTICS

Paper 3: Semester 2

Subject Code : FACHGEC02T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1: Set Theory

Definition of Set and its presentation. Different types of Sets- Null Sets, Finite & Infinite Sets, Subsets, Universal Set, Power Set etc. Set Operations- Laws of Algebra of Sets, Venn diagram.

[04 L]*

Unit 2: Matrices and Determinants:

Definition of a matrix, Types of matrices; Equality, Addition, Subtraction, and Multiplication; Transpose of a matrix; Determinant of a square matrix, Values of determinants up to third order; Properties of Determinants, minors and co-factors, Adjoint of a Matrix, Elementary row and column operations, Inverse of a matrix; Solution of a system of linear equations (having unique solution and involving not more than three variables) using matrix inversion Method and Cramer's Rule.

[10 L]

Unit 3: Basic Mathematics for Finance

Functions and their types – linear, quadratic, polynomial, exponential, logarithmic; Concepts of limit and continuity of a function.

Concept of differentiation; Rules of differentiation – simple standard forms. Maxima and Minima of functions (involving first and second order differentiation) relating to cost, revenue and profit.

Different types of Interest Rates, concept of Present Value – Present Value and Annuity, Compounding & Discounting, amount of Annuity – Valuation of Simple Loans.

[20 L]

Unit 4: Basics of Statistics

Collection, classification of data, Primary & Secondary data, Tabulation of data, Graphs and charts, Frequency distribution, Diagrammatic presentation of frequency distribution.

[05 L]

Unit 5: Measure of Central Tendency & Dispersion

Measures of Central Tendency including arithmetic mean, geometric mean and harmonic mean: properties and applications; mode and median.

Measures of Variation: absolute and relative. Range, quartile deviation and mean deviation; Variance and Standard deviation: calculation and properties.

[15 L]

Unit 6: Bivariate Analysis

Simple Linear Correlation Analysis: Meaning, and measurement. Karl Pearson's co-efficient and Spearman's rank correlation.

Simple Linear Regression Analysis: Regression equations and estimation. Relationship between Correlation and regression coefficients.

[20 L]

Unit 7: Time-based Data: Index Numbers and Time-Series Analysis

Meaning and uses of index numbers; Construction of index numbers: Aggregative and average of relatives – simple and weighted, Components of time series; additive and multiplicative models; Trend analysis: Finding trend by moving average method and Fitting of linear trend line using principle of least squares.

[16 L]

Suggested Readings

- ❖ Ghosh and Saha, Business Mathematics and Statistics, New Central Book Agency (P) Ltd.
- ❖ M. Raghavchari, Mathematics for Management, Tata McGraw-Hill.
- ❖ S. Baruah, Basic Mathematics and its application in Economics, McMillan.
- ❖ R. S. Bhardwaj, Mathematics for Economics and Business, Excel Books.
- ❖ P. K. Giri and J. Banerjee, Introduction to Business Mathematics, Academic Publishers.
- ❖ R.G.D. Allen, Mathematical Analysis for Economists, McMillan.
- ❖ G. C. Beri, Business Statistics, Tata McGraw-Hill.
- ❖ J. K. Sharma, Business Statistics, Pearson Education.
- ❖ Nag and Nag, Advanced Business Mathematics and Statistics
- ❖ D. Sengupta, Application of Calculus, Books & Allied.
- ❖ Dr. Ranjit Dhar, Business Mathematics & Statistics, Dishari.
- ❖ J. Chakrabarti, Business Mathematics and Statistics, Dey Book Concern.
- ❖ Maity and Ghosh, Calculus, Central.
- ❖ Singh J. K., Business Mathematics. Himalaya Publishing House.
- ❖ N.G. Das, Statistical Methods in Commerce, Accountancy and Economics
- ❖ Hazarika, Padmalochan. A Textbook of Business Mathematics. S. Chand
- ❖ Trivedi, Business Mathematics, Pearson
- ❖ Sanyal & Das, Introduction to Linear Programming, U.N. DHUR & SONS PVT. LTD.

* L = 1 Hour.

Year 2 : Semester 3

BUSINESS REGULATORY FRAMEWORK

Paper 1 : Semester 3

Subject Code : FACACOR05T

Total No. of Credits - 06

Full Marks 75

**[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]
TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]**

Unit	Topic	Details	Hours
1	The Indian Contract Act, 1872	a) Contract – meaning, characteristics and kinds, Essentials of a valid contract b) Offer and acceptance (Definition, Rules, Communication and Revocation of offer and acceptance) c) Consideration (Definition, Elements, Types, Rules), “No Consideration No Contract” and its exceptions; Capacity to Parties (Definition and Types) d) Consent, Free consent, Coercion, Undue Influence, Fraud, Misrepresentation, Mistake e) Legality of objects and Consideration f) Void and Voidable agreements – Definition, Types and Distinction g) Discharge of a contract – Modes of discharge, Breach and Remedies against breach of contract h) Specific Contracts - Contingent contracts, Quasi, Contract of Indemnity, Guarantee, Bailment, Pledges	20 L
2	The Sales of goods Act, 1930	a) Contract of sale, meaning and difference between sale and agreement to sell b) Conditions and warranties c) Transfer of ownership in goods including sale by a non-owner d) Unpaid seller – meaning, rights of an unpaid seller against the goods and the buyer	10 L
3	<u>The Partnership Laws</u> 3A. The Partnership Act, 1932	a. Definition – Partner, Partnership b) Nature and Characteristics of Partnership c) Types of Partners d) Registration of a Partnership Firms and consequences of non-registration e) Rights and Duties of Partners f) Dissolution of firms – meaning and grounds	10 L
	3B. The Limited Partnership Act, 2008	a) Definition b) Salient Features of LLP c) Advantages and disadvantages of LLP d) Differences between: LLP and Partnership, LLP and Company e) Incorporation of LLP	10 L
4	The Negotiable Instrument Act, 1881	a) Definition, Features, Types, Parties of Negotiable Instruments: Promissory Note, bill of exchange, Cheque (Definition and Types) b) Endorsement: Types of Endorsement c) Holder and Holder in Due Course, Privileges of Holder in Due Course. d) Dishonour of Negotiable Instruments: Modes,	20 L

		Consequences, Notice of Dishonour; Noting and Protesting e) Discharge of Negotiable Instruments: Meaning and Modes	
5	The Consumers Protection Act, 1986	a) Objectives and features of Consumers Protection Act b) Definitions – Complainant, Complaint, Consumer, Consumer Dispute, Defect, Deficiency, District Forum, Person c) Unfair trade practices d) Consumer Protection Council (Central, State and District – their constitutions and objectives) e) Consumer Dispute Redressal Agencies: Composition and jurisdiction of District forum, State Commission and National Commission	10 L
6	Electronic Commerce Act, 1998	a) Definitions: Computer, Electronic signature, Internet, Information. b) Formation and Validity of Electronic Contracts (e-contracts) (Section 15) c) Effectiveness between parties (Section 16)	10 L
			90 L**

**** including 15 hours for tutorial.**

Notes : If any new provision is enacted in place of the existing provisions, the syllabus will accordingly include such new provisions in place of existing provisions with effect from such date as prescribed West Bengal State University. Similarly if any existing provision becomes redundant due to changes, it will be left out of the syllabus)

Suggested Readings

- ❖ Tulsian & Tulsian, Business Laws, S.Chand
- ❖ Kapoor N.D., Business Laws, Sultan Chand
- ❖ Das S.K. & Roy P., Business Regulatory Framework, OUP
- ❖ Gulsan S.S., Business Laws, Excel Books
- ❖ Roychowdhury, Bhattacharjee & Datta, Business Regulatory Framework, Elegant Publishers.
- ❖ Bhadra, Satpati and Mitra, Ainer Ruprekha (Bengali Version), Dishari.

*** L = 1 Hour.**

DIRECT TAXATION

Paper 2 : Semester 3

Subject Code : FACACOR06T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1: Introduction

[15 L]*

- a) Concept of direct and indirect taxes, assessment year, previous year, person, assessee, income, sources of income, heads of income, agricultural income, gross total income, total income.
- b) Residential status of individuals, place of accrual and receipt of income, incidence of tax.

c)Incomes exempted under section 10(1), 10(2A), 10(7), 10(10), 10(10A), 10(10AA),10(10B), 10(10D), 10(11), 10(12), 10(13A), 10(14), 10(15), 10(34), 10(34A), 10(35), 10(38).

Unit 2:Computation of Incomes under the heads: [45 L]

- a) Salary
- b) Income from House Property

Computation of Incomes under the following heads of income:

- a) Profits and gains from business or profession [sec. 28, 32, 35, 36(1), 36(1)(ii), 36(1)(iii), 36(1)(vii), 37, 37(2B), 40A(3), 43B.]
- b)Capital gains: Meaning and types of capital assets, simple computation of STCG and LTCG
- c) Income from other sources (excluding deemed dividend).

Unit 4: Computation of Total income and tax liability [20 L]

Aggregation of income, set-off and carry forward of losses, deductions under section 80C, 80CCC, 80CCD, 80CCE, 80CCG, 80D, 80DD, 80DDB, 80E, 80G and 80GG, 80TTA, 80U,computation of total income of individuals, tax liability of individuals, rebate, TDS from salary, net tax liability.

Unit 5: Assessment of Income [10 L]

Due dates for filing of return, defective return, revised return, belated return, self-assessment, scrutiny and best judgement assessment, advance payment of tax for individuals (due dates for advance payment of tax for individuals, consequences of failing to pay advance tax without computations of interest).

Suggested Readings

- ❖ Singhanian V.K., and Singhanian K, Direct Tax Law and Practice, Taxmann
- ❖ Lal and Vasist, Direct Taxes, Pearson
- ❖ Ahuja and Gupta, Direct Taxes Law and Practice, Wolters Kluwer
- ❖ Manoharan & Hari , Direct Tax Laws , Snow White
- ❖ Sengupta, C.H., Direct & Indirect Taxes, Dey Book Concern.

* L = 1 Hour.

FINANCIAL ACCOUNTING II

Paper 3 : Semester 3

Subject Code : FACACOR07T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit	Topic	Details	Hours
1.	Partnership Accounts - I	<p><u>Profit and Loss Appropriation Accounts</u> Capital & Current A/C, Correction of appropriation items with retrospective effect.</p> <p><u>Change in Constitution of Firm</u> Change in profit sharing ratio, Admission, Retirement, Retirement cum Admission – treatment of Goodwill, revaluation of assets and liabilities (with/without alteration of books), treatment of reserves and adjustment relating to capital, treatment of Joint Life Policy, Death of a Partner.</p>	20

2.	Partnership Accounts - II	Accounting for Dissolution of Firm Insolvency of one or more partner, Consideration of private estate and private liabilities, Piecemeal distribution (Surplus Capital basis and Maximum Possible Loss Basis). Conversion of Partnership into Limited Company	25
3.	Branch Accounting	Concept of Branch, Types of Branches. Synthetic Method - Preparation of Branch Account, Branch Trading & P/L Account (at cost and at invoice price) – normal and abnormal losses. Analytical Method – Preparation of Branch Stock Adjustment Account (at cost and at invoice price) – normal and abnormal losses.	10
4.	Hire Purchase and Instalment Payment System	Meaning, Difference with Instalment payment system, Allocation of Interest. Partial and Complete Repossession. Concept of Operating and Financial Lease (Theory only).	13
5.	Departmental Accounts	Concept, Objectives of preparation of departmental accounts. Apportionment of common cost, Preparation of Departmental Trading & P/L Account, Consolidated Trading & P/L Account, Inter departmental transfer of goods at cost; cost plus and at selling price and elimination of unrealized profit.	10
6.	Investment Accounts	Preparation of Investment Account – treatment of brokerage, STT, cum and ex – interest, Valuation of Investment under FIFO and Average method. Preparation of Investment Account for Shares (with Right Shares, Bonus Shares and Sale of Right). Transfer of securities (Simple problem).	12
			90**

**** including 15 hours for tutorial.**

Notes : Companies' Accounting Standards Rules 2005 as amended from time to time are to be followed.

Suggested Readings

- ❖ Sukla , Grewal, Gupta : Advanced Accountancy Vol. I & II, S Chand.
- ❖ R.L.Gupta & Radheswamy, Advanced Accountancy Vol. I & II, S Chand.
- ❖ Maheshwari & Maheshwari, Advanced Accountancy Vol. I & II, Vikash Publishing House Pvt. Ltd.
- ❖ Sehgal & Sehgal, Advanced Accountancy Vol. I & II, Taxman Publication.
- ❖ Basu Amitabha, Principles and Applications of Accounting Vol. II, Tee Dee Publications.
- ❖ Hanif & Mukherjee, Financial Accounting Vol. II, McGraw Hill.
- ❖ Accounting Standards issued by ICAI.

BUSINESS COMMUNICATION & E-COMMERCE

Paper 4 : Semester 3

Subject Code : FACHGECO3T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]
TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit	Detailed	Hours
	Module I Business Communication	
1.	Introduction Definition, objectives, importance, elements, process, forms, models, principles of effective communication, barriers to communication and remedial measures.	8
2.	Types of Communication Formal and informal communication, Grapevine, Characteristics of corporate communication, Characteristics of corporate communication, Communication network	08
3.	Tools of Communication Emergence of communication technology, Modern Forms of communication, Fax, Email, Video Conferencing	08
4.	Drafting Notice, Circular, Resolution & Minutes, Report, CV writing, Business letter writing- Offer letter, Quotation, Status enquiry, Confirmation, Execution, Refusal and cancellation of order, Recommendation, Credit collection, Claim, Bank loan	21
	Module II E-Commerce	
5.	Introduction E-Commerce-meaning, nature, concepts, types, Advantages of E-commerce; forces behind e-commerce, e-governance [meaning, types, significance, and real life examples].	10
6.	E-commerce business models Concept, Type: Business to Consumer (B to C), Business to Business (B to B), Business to Government (B to G), Consumer to Consumer (C to C), Consumer to Business (C to B)	10
7.	Digital Payment Methods of e-payments [Debit Card, Credit Card, Smart Cards, e-Money], electronic or digital wallet, digital signature (procedures, working and legal provisions), payment gateways [Core Banking Solution or CBS, Mobile Payment, UPI, NCPI, International Payments], Online banking [meaning, concepts, importance, electronic fund transfer, automated clearing house, automated ledger posting], risks involved in e-payments.	20
8.	New Trends in E-Commerce Social Commerce-concept, definition, features; Digital Marketing-definition, objectives, methods, limitations; Advertisement in Social Media-objectives, advantages and disadvantages, procedures	05
	Total Lecture Hours	90**

** including 15 hours for tutorial.

Suggested readings

Anjane, S. & Bhavana Adhikari, *Business Communication*, TMH
Chaturvedi & Chaturvedi, *Business Communication : Concepts, Cases and Applications*, Pearson
M.K.Shegal & Vandana Khetarpal, *Business Communication*, Excel Books

Dhar, Maity and Baidya, *Fundamentals of Business Communication & E-commerce*; International Publishing House, Kolkata; May, 2018.

R.K.Madhukar, *Business Communication*, Vikash Publishing House Pvt. Ltd.

Rao, Kumar & Bindu, *Business Communication*, Cengage

Khanna, Puja, *Business Communication*, Vikash

Raman & Sharma, *Technical Communication*, Oxford

Lesikar, Flatley et al, *Business Communication*, McGraw Hill

P. T. Joseph, *E-Commerce: An Indian Perspective*, PHI Learning

Henry Chan, Raymond Lee, Tharam Dillon, Elizabeth Chang, *E-Commerce: Fundamentals and Applications*, Wiley.

Laudon, *E-Commerce*, Pearson Education India

Schneider G., *E-Business*, Cengage

Bhaskar, B., *E-Commerce*, McGraw Hill

INFORMATION TECHNOLOGY & ITS BUSINESS APPLICATIONS

Paper 5 : Semester 3

Subject Code : FACSSEC01M

Total No. of Credits - 02

Full Marks 25

[Internal Assessment: 15 Marks Semester-End Examination: 10 Marks]

TOTAL CLASS HOURS : 45 [LECTURE HOURS 15 & PRACTICAL HOURS 30]

Module I

Information Technology and Its Application in Business (Theory)

Unit 1: Information Technology and Business

[15 L]*

Concepts of data, information and computer based information system, impact of information technology on business [business data processing, intra-organizational and inter-organizational communication by using network technology, business process outsourcing and knowledge process outsourcing], types of Information System- Transaction Processing System (TPS), Management Information System (MIS), Decision Support System (DSS), Knowledge Management System (KMS) and their implementation at managerial levels [operational, tactical and strategic].

Module II

Information Technology and Its Application in Business (Practical)

Unit 2 : Word Processing

[05 L]

Working with word document- Editing text, Find and Replace text, Formatting, Spell check, Autocorrect, Auto text; Bullets and numbering, Tabs, Paragraph Formatting, Indent, Page Formatting, Header and footer, Macros, Drop cap; Tables: Inserting, Filling and formatting a Table, Inserting Pictures and Video; Mail Merge- including linking with Database, Printing documents.

Creating Business Documents using the above facilities

Unit 2: Preparing Presentations

[05 L]

Basics of presentations: Slides, Fonts, Drawing, Editing; Inserting: Tables, Images, texts, Symbols, Media; Design; Transition; Animation, Hyperlink and Slideshow.

Creating Business Presentations using above facilities.

Unit 3: Spreadsheet and Computerised Accounting

[20 L]

Managing worksheets- Formatting, Entering data, Editing, and Printing a worksheet; Handling operators in formula, Project involving multiple spreadsheets, Organizing Charts and graphs, Pivot Table.

Spreadsheet Functions: Mathematical [SUMIF, SQRT, SUBTOTAL, SUMPRODUCT etc.], Statistical [AVERAGE, STDEV, VAR, CORRELATION, REGRESSION etc.], Financial [PMT, RATE, PV, FV, NPER, IRR, NPV, Data Table Etc.] Logical [AND, OR, IF etc.], Date and Time, lookup and reference, Database and Text functions.

Tally – Basic Features.

Suggested Readings

- ❖ Thareja, IT & Application, Oxford.
- ❖ Aurora, Computer Fundamentals, Vikash.
- ❖ Sinha & Sinha, Fundamentals of Computers, BPB Publications.
- ❖ Dhar, P., Fundamental of IT and Its Application in Business, Abhijay Publishing House.
- ❖ Norton, P. (2001). Introduction to computers. TMH
- ❖ Rajaraman, V. (2004). Introduction to Information Technology. PHI.
- ❖ Cyganski - Information Technology: Inside and outside (Pearson, 1st Edition).
- ❖ Basandra SK - Computers Today (Galgotia, 1st Edition).
- ❖ Leon A and Leon M - Introduction to Computers (Leon Vikas, 1st Edition).

* L = 1 Hour.

Year 2 : Semester 4

COMPANY LAW

Paper 1 : Semester 4

Subject Code : FACACOR08T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

UNIT 1: INTRODUCTION TO COMPANY

(20 L)*

Meaning and Definition – Features –, High Lights of Companies Act 2013 - Body Corporate, Kinds of Companies (Concept, Definition and Features) – One Person Company, Private Company, Public Company, Company limited by Guarantee, Company limited by Shares, Holding Company, Subsidiary Company, Government Company, Associate Company, Small Company, Foreign Company, Listed Company, Dormant company , Lifting of corporate veil.

UNIT 2: FORMATION OF A COMPANY

(20 L)

Steps in formation of a Company, Promotion Stage, Meaning of Promoter, Position of Promoter & Functions of Promoter, Incorporation Stage – Meaning, Contents, Forms of Memorandum of Association & Articles of Association and its alteration, Distinction between Memorandum of Association and Articles of Association, Certificate of Incorporation, Subscription Stage – Meaning & contents of Prospectus, Types, Misstatement in prospectus and its consequences.

UNIT 3: COMPANY ADMINISTRATION & MANAGEMENT

(15 L)

Director (Concept and Definition), DIN, Qualification, Disqualification, Appointment, Position, Rights, Duties, Power, Resignation, Liabilities, Removal and Resignation of director. Key Managerial Personnel (Definition, Appointment and Qualifications) – Managing Director, Whole time Directors, the Companies Secretary, Chief Financial Officer, Resident Director, Independent Director, Women director.

UNIT 4: SHARE CAPITAL & DEBENTURES (15 L)

Share Capital: Meaning, Types of shares, Provisions relating to issue of new shares, Allotment, forfeiture of shares, Provision for issue of ESOP, bonus shares, right shares, sweat equity, transfer of shares. Redemption of Preference shares. Debentures: meaning and provisions for issue and redemption. Rules in respect of payment of dividends.

UNIT 5: CORPORATE MEETINGS (20 L)

Corporate Meetings - Shareholder and Board, Types of Meetings - Annual General Meeting Extraordinary General meeting, Minutes of Proceedings of General Meeting, Meeting of BOD and other meetings (Section 118), Requisite of Valid Meeting- Notice, Agenda, Chairman, Quorum, Proxy, Resolutions, Minutes, Postal Ballot, E- voting, Video Conferencing, Board Meetings and Resolutions.

Notes : *If any new legislation/provision is enacted in place of the existing legislation/provision, the syllabus will be modified accordingly to include such new legislation/provision in place of existing legislation/provision with effect from such date as prescribed by the West Bengal State University. Similarly, if any existing provision becomes redundant due to changes, it will be left out of the syllabus.]*

*** L = 1 Hour.**

Suggested Readings:

- ❖ M.C. Kuchhal, Modern Indian Company Law, Shri Mahaveer Book Depot (Publishers), Delhi.
- ❖ GK Kapoor and Sanjay Dhamija, Company Law, Bharat Law House, Delhi.
- ❖ Anil Kumar, Corporate Laws, Indian Book House, Delhi
- ❖ Reena Chadha and Sumant Chadha, Corporate Laws, Scholar Tech Press, Delhi.
- ❖ Avtar Singh, Introduction to Company Law, Eastern Book Company
- ❖ Ramaiya, A Guide to Companies Act, Lexis Nexis, Wadhwa and Buttersworth.
- ❖ Manual of Companies Act, Corporate Laws and SEBI Guideline, Bharat Law House, New Delhi,.
- ❖ A Compendium of Companies Act 2013, along with Rules, by Taxmann Publications.
- ❖ Gower and Davies, Principles of Modern Company Law, Sweet & Maxwell
- ❖ Sharma, J.P., An Easy Approach to Corporate Laws, Ane Books Pvt. Ltd., New Delhi

P.S. : Latest edition of text books may be used.

INDIRECT TAXATION

Paper 2 : Semester 4

Subject Code : FACACOR09T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

UNIT-1: GST: Basic concepts [10 L]*

Concept of Goods and Service tax; Pre- and post-GST indirect tax structure in India; GST council; GSTN; Concept of - Aggregate turnover, Business, India, Person, Taxable person, Taxable territory, Supplier, Recipient, Types of GST - Central GST, State/UT GST and Integrated GST; Rates of GST.

UNIT-2: GST: Supply [15 L]

**Vide Resolutions taken at U.G.BOS Meeting, C&M WBSU dt. 23.5.2018. and in concurrence with 24
CBCS Guidelines provided by UGC, WBSCHSE and WBSU.**

Meaning of taxable event; Meaning of goods and services; Supply – Definition, Supply of goods and services, negative list; Different types of supply – taxable supply, zero rated supply, exempted supply, continuous supply; composite or mixed supply; Meaning of Reverse Charge, Supplies of goods and services liable to be reverse charged, Composition Levy.

UNIT-3: GST: Valuation, Time and Place of Supply [20 L]

Transaction value – Meaning, Inclusion in and exclusion from transaction value; Time of supply – Statutory time for issue of invoice for taxable supply of goods or services; Determination of time of supply of goods; Place of supply – how to find out.

UNIT-4: GST: Input Tax Credit and Tax Liability [15 L]

Meaning of input tax, Eligible and Ineligible Input Tax Credit; Apportionments of Credit and Blocked Credits; Time limit to avail input tax credit; Documentary requirements, Input tax credit for payment of SGST, CGST, UTGST and IGST; Payment of GST.

UNIT -5: GST: Registration and Returns [10 L]

Persons liable to be registered; Persons not required to be registered; Procedure for registration; Voluntary registration; Tax Invoice; Bill of Supply, Receipt Voucher, Payment Voucher, Refund Voucher, Debit Note, Credit Note; GST returns and filing.

UNIT -6: Customs [20 L]

Definition as per Customs Act – Territorial waters, Indian customs waters, Goods, Customs Station, India, Imported Goods, Export Goods; Taxable event; Types of Customs duties; Valuation for Customs Duty (simple problems on transaction value only); Baggage; Flow patterns of Import and Export of goods.

Notes: *If any new legislation/provision is enacted in place of the existing legislation/provision, the syllabus will be modified accordingly to include such new legislation/provision in place of existing legislation/provision with effect from such date as prescribed by the West Bengal State University. Similarly, if any existing provision becomes redundant due to changes, it will be left out of the syllabus.*

Suggested Readings

- ❖ V.S. Datey, GST Law & Practice with Customs & FTP, Taxmann.
- ❖ B. Saravana Prasath and G. Sekar, Students' Referencer on Indirect Taxes, Wolters Kluwer.
- ❖ Ahuja and Gupta, Systematic Approach to GST, Wolters Kluwer.
- ❖ V. Bangar and Y. Bangar, Comprehensive Guide to Indirect Tax Laws, Aadhya Prakashan.
- ❖ Raj K Agrawal and Shivangi Agrawal, Indirect Taxes, Bharat.
- ❖ Publication on GST by the Institute of Chartered Accountants of India (www.icai.org).
- ❖ Publication on GST by the Central Board of Excise and Customs (www.cbec.org).
- ❖ Relevant Bare Acts and Rules.

P.S. Latest edition of the books may be read.

* L = 1 Hour.

COST & MANAGEMENT ACCOUNTING II

Paper 3 : Semester 4

Subject Code : FACACOR10T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit	Topic	Details	Hours
1.	Joint Product & By product	Meaning, Treatment and apportionment of cost; Decision relating further processing	20*
	Activity Based Costing	Problems of traditional costing; Meaning of Activity Based Costing; Cost analysis under ABC; Application of ABC (Simple Problems)	
2.	Budget and Budgetary Control	Budget and Budgetary Control; Principal budget factor, Merits & limitations; Preparation and monitoring procedures, Fixed and Flexible budget, Preparation of functional budgets – Concepts, Cash Budget.	15
3.	Standard Costing	Standard Costs and Standard Costing; Uses & Importance. Differences with Budgetary Control, Advantages & limitations; Classification of Standards. Analysis and computation of Materials, Labour and Overhead Costs (concepts only) Variances.	20
4.	CVP Analysis, Marginal Costing	CVP Analysis Introduction; CVP Assumptions and Uses; Break-Even Analysis: BE Point and Margin of Safety; Graphical presentation of CVP Relationship; Profit Graph. Marginal Costing and Management Decisions – Marginal Costing vis-à-vis Absorption Costing; Cost statement under marginal costing and absorption costing; Marginal Costing Techniques.	20
5.	Short-term Decision Making	Marginal Cost and decision relating Product Pricing; Product Mix; Make or Buy; Choosing among alternatives and closing down or suspending an activity. (with simple type of problems).	15

** including 15 hours for tutorial.

* L = 1 Hour.

Suggested Readings

- ❖ Horngren, Foster & Rajan, Cost Accounting,- A Managerial Emphasis, Pearson
- ❖ B.Banerjee, Cost Accounting, PHI
- ❖ Jawahar Lal & Seema Srivastava, Cost Accounting, TMH
- ❖ M.Y.Khan & P.K.Jain, Management Accounting, TMH
- ❖ Atkinson, Management Accounting, Pearson
- ❖ Bhattacharyya, Ashish K., Cost Accounting for Business Manageres, Elsevier
- ❖ Ravi M Kishore, Cost and management Accounting, Taxmann
- ❖ Hanif, M., Cost and Managment Accounting, TMH
- ❖ Mitra, J.K., Cost and Management Accounting, Oxford

ENTREPRENEURSHIP DEVELOPMENT

Paper 4 : Semester 4

Subject Code : FACHGEC04T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-I: Introduction

[18 L]*

Meaning, elements, determinants and importance of entrepreneurship and creative behaviour; Dimensions of entrepreneurship: intrapreneurship, technopreneurship, cultural entrepreneurship, international entrepreneurship, netpreneurship, ecopreneurship, and social entrepreneurship.

Unit-II: Entrepreneurship and Micro, Small and Medium Enterprises

[18 L]

Basic concept of business houses, Role of business houses and family business in India; The contemporary role models in Indian business: their values, business philosophy and behavioural orientations; Conflicts in family business and its resolution.

Unit-III: Sustainability of Entrepreneurship

[30 L]

Public and private system of stimulation, support and sustainability of entrepreneurship; Role of Central Government and State Government in promoting entrepreneurship; Requirement, availability and access to finance, marketing assistance, technology, and industrial accommodation, Role of industries/entrepreneur's associations and self-help groups; The concept, role and functions of business incubators, angel investors, venture capital and private equity fund

Unit-IV: Sources of business ideas and tests of feasibility

[12 L]

Significance of writing the business plan/ project proposal; Contents of business plan/ project proposal; Designing business processes, location, layout, operation, planning & control; preparation of project report; Project submission/ presentation and appraisal thereof by external agencies, such as financial/non financial institutions.

Unit-V: Mobilization of Resources

[12 L]

Mobilizing resources for start-up -- Accommodation and utilities; Preliminary contracts with the vendors, suppliers, bankers, principal customers: Basic start-up problems

Suggested Readings

- ❖ Kuratko and Rao, Entrepreneurship: A South Asian Perspective, Cengage Learning.
- ❖ Robert Hisrich, Michael Peters, Dean Shepherd, Entrepreneurship, McGraw-Hill Education
- ❖ Desai, Vasant. *Dynamics of Entrepreneurial Development and Management*. Himalaya
- ❖ Holt, Entrepreneurship: New Venture Creation, Pearson
- ❖ Singh, Nagendra P. *Emerging Trends in Entrepreneurship Development*. New Delhi: ASEED.
- ❖ SS Khanka, *Entrepreneurial Development*, S. Chand & Co, Delhi.
- ❖ K Ramachandran, *Entrepreneurship Development*, McGraw-Hill Education
- ❖ Reddy, *Entrepreneurship: Text & cases*, Cengage Learning.

* L = 1 Hour.

TAX RETURNS & FILING OF TAX RETURNS

Paper 5 : Semester 4

Subject Code : FACHGEC04T

Total No. of Credits - 02

Full Marks 25

[Internal Assessment: 15 Marks Semester-End Examination: 10 Marks]

TOTAL CLASS HOURS : 45 [LECTURE HOURS 15 & PRACTICAL HOURS 30]

UNIT 1: Income Tax Returns (15 L)*

- PAN and TAN- Procedure for application of PAN/TAN; Defective Return, Revised Return, Belated Return, Provisions regarding TDS from salary, interest on securities, horse racing, lottery.
- Advance Tax (simple problems).
- Interest- Interest u/s 234A, 234B, 234C, (simple problems)
- Different Forms of Returns
- Different TDS Returns

UNIT 2: E-filing of Tax Returns [30 L]

- Preparation and submission of the Income Tax Returns (ITR-1 and ITR-2) offline/online for individual taxpayer, EVC.
- View form 26AS, Upload return, View e-file returns, e-verification
- Use of e-tax calculator (including interest calculation u/s 234A, 234B, 234C)
- E-Pay tax (Challan No. ITNS 280 and ITNS 281)
- e-TDS Return filing

Notes : For Project Work - Assignment based on each and every topic should be prepared.

Suggested Readings

- ❖ Software: Singhania, V.K., E-Filing of Income Tax Returns and Computations of Tax, Taxmann
- ❖ Software: "Excel Utility", incometaxindiaefiling.gov.in.

* L = 1 Hour.

Year 3 : Semester 5

AUDITING

Paper 1 : Semester 5

Subject Code : FACACOR11T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit -I : Introduction (20 L)*

Auditing : Introduction, meaning, objectives, basic principles and techniques, advantages and limitations, classification of audit. Audit planning and procedures –relevant documents. Internal control-internal check and internal audit, vouching and verification of Assets and liabilities (including relevant SAP's)

Unit-II: Audit of Companies (25 L)

Audit of limited companies: Company auditor – qualifications and disqualifications, Appointment, Rotation, Removal, Remuneration, Rights and Duties, Auditor's Report, Liabilities of Statutory Auditors under the Companies Act, 2013.

Divisible profits and dividend with special reference to depreciation, provisions and reserves as per Companies Act, 2013.

Unit-III: Audit Report and Certificate (15 L)

Audit Report- Definition, features, scope, value of Auditors Report, difference between Audit Report and Certificate, Types of Audit Report, Contents of Audit Report as per Companies Act, 2013, True and Fair View.

Unit- IV: Audit of different Institutions (15 L)

Audit of Educational Institutions, Library, Hospital, Club, Hotel, Transport Company and co-operative societies.

Audit of Local Govt.-Gram Panchayat, Panchayat –Samity and Zilla-Parishad, Municipality and Municipal Corporation.

Unit-V : Special Areas of Audit (15 L)

Special features of Cost Audit, Management Audit, Tax Audit, Social Audit, Environmental Audit, Energy Audit.

Suggested Readings

- ❖ Ravinder Kumar and Virender Sharma, Auditing Principles and Practices, PHI Learning
- ❖ Aruna Jha, Auditing, Taxmann Publication
- ❖ Tandon, et al. Practical Auditing, S.Chand
- ❖ Basu, S.K.Auditing, Pearson
- ❖ Gangapadhyay and Sengupta .Auditing, Dey Books Concern
- ❖ Sengupta, R.N. Practical Guide to Auditing, New Central Book Agency Pvt.Ltd.

* L = 1 Hour.

INDIAN FINANCIAL SYSTEM

Paper 2 : Semester 5

Subject Code : FACACOR12T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit – I: Financial System [10 L]*

Meaning and significance; Role of finance in an economy; Components of Financial system; Role of Regulatory Bodies, The structure of Indian Financial System.

Unit – II: Financial Institution [30 L]

Commercial Banks – Importance and functions; Structure of Commercial banking system in India; Distinction between Commercial and Central bank; Credit Creation Process of Commercial banks;

Reserve Bank of India:- Functions; Instruments of Monetary and Credit Control, Main features of Monetary Policy since independence.

Development Banks: - Concept of Development bank and their needs in Indian financial system – Difference with Commercial banks – Major Development banks and their functions (IFCI, EXIM Bank, SIDBI, SFCs, and NABARD).

Other Financial Institutions:- Life Insurance Corporation of India-Function, General Insurance Corporation of India-Function, Mutual Fund-Concepts, Types, Importance.

Non Banking Financial Companies (NBFCs): - Definition, Function and Regulations of RBI over NBFCs.

Unit –III: Financial Market

[30 L]

An overview of financial markets in India

Money Market: Concept, Structure of Indian Money Market, Acceptance Houses, Discount Houses, Call money market, Recent trends of Indian money markets ,Treasury Bill Market, Commercial Paper (CP), Certificate of Deposits, Concept of Repo, Reserve Repo; Recent trend in Indian Money Market.

Capital Market: - Concept, Security market, Primary & Secondary markets: Functions & Role; Functionaries of stock exchanges: Brokers, Sub-Brokers, Jobbers; Role of Stock Exchange in India; Recent trend in Indian Money Market.

Unit-4: Investors' Protection

[10 L]

Concept of investors' protection ; Grievances regarding new issue market and Stock Exchange transactions and Grievance Redressal Mechanism in Stock Exchanges; Role of The SEBI, Judiciary & Media

Unit-5: Financial Services

[10 L]

Merchant Banks: Functions & Roles, SEBI Regulations; Credit rating: concept & types, Functions & limitations.

Suggested Readings

- ❖ Meir Kohn, Financial Institution and Market, Oxford University Press. New Delhi.
- ❖ Khan, M. Y., Indian Financial System-Theory and Practice, TMH, New Delhi.
- ❖ Bhole, L. M., Financial Markets and Institutions, TMH, New Delhi.
- ❖ Mukherjee, Ghosh and Roy, Indian Financial System and Financial Market Operations, Dey Book Concern, Kolkata
- ❖ Clifford, Gomez, Financial Markets, Institutions and Financial Services, PHI
- ❖ Nayak and Sana, Indian Financial System and Financial Market Operations, Rabindra Library
- ❖ Pathak, B., Indian Financial System, Pearson.

* L = 1 Hour.

DISCIPLINE-SPECIFIC ELECTIVE SUBJECTS

A. Accounting & Finance Specialisation

BANKING AND INSURANCE

Paper DSE1 : Semester 5

Subject Code : FACADSE01T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit-1: Introduction

[15 L]*

Origin of banking: definition, banker and customer relationship, General and special types of customers, Types of deposits, Origin and growth of commercial banks in India. Financial Services offered by banks, changing role of commercial banks, types of banks.

Unit-2: Cheques and Paying Banker

[15 L]

Crossing and endorsement - meaning, definitions, types and rules of crossing. Duties, Statutory protection in due course, collecting bankers: duties, statutory protection for holder in due course, Concept of negligence.

Unit-3: Bank Lending

[15 L]

Principles of sound lending, Secured vs. unsecured advances, Types of advances, Advances against various securities, NPA Management.

Unit-4: Internet Banking

[30 L]

Meaning, Benefits, Home banking, Mobile banking, Virtual banking, E-payments, ATM Card/Biometric card, Debit/Credit card, Smart card, NEFT, RTGS, ECS (credit/debit), E-money, Electronic purse, Digital cash.

Unit-5: Insurance

[15 L]

Basic concept of risk, Types of business risk, Assessment and transfer, Basic principles of utmost good faith, Indemnity, Economic function, Proximate cause, Subrogation and contribution, Types of insurance: Life and Non-life, Re-insurance, Need for coordination. Power, functions and Role of IRDA, Online Insurance.

Suggested readings:

Agarwal, O.P., Banking and Insurance, Himalaya Publishing House.
Satyadevi, C., Financial Services Banking and Insurance, S.Chand.
Suneja, H.R., Practical and Law of Banking, Himalaya Publishing House.
Chabra, T.N., Elements of Banking Law, Dhanpat Rai and Sons.
Arthur, C. and C. William Jr., Risk Management and Insurance, McGraw Hill.
Saxena, G.S; Legal Aspects of Banking Operations, Sultan Chand and Sons.
Varshney, P.N., Banking Law and Practice, Sultan Chand and Sons.
JyotsnaSethi and Nishwan Bhatia, Elements of Banking and Insurance, PHI Learning.

*** L = 1 Hour.**

CORPORATE ACCOUNTING

Paper DSE2 : Semester 5

Subject Code : FACADSE02T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

UNIT	AREA/TOPIC	HOURS
UNIT-1	COMPANY FINAL ACCOUNTS	
	❖ Introduction of Company Act relevant for preparation of Statement of Profit and Loss Account and Balance Sheet	3
	❖ Preparation of Statement of Profit and Loss Account and Balance Sheet of domestic company	10
	❖ Schedule III of the Companies Act 2013, treatment of Tax Transfer to Reserve, Dividend applicable Tax (out of Profit and Reserve)	2
UNIT-2	Introduction of company and Accounting for Shares and Debentures	
	❖ Documents of a Company: Maintenance of books of accounts including Statutory Books and Annual Return	1
	❖ Meaning and types of shares ;Rules and Regulations according to Company Act 2013 relevant to issue and forfeiture of Shares	1
	❖ Accounting for issue and forfeiture ,re-issue of shares-pro-rata, other than cash, to Promoters; Meaning of Debenture, Issue and Redemption of Debenture	8
	❖ Bonus Shares and Right Shares- Rules and Accounting Procedures	1
	❖ Underwriting of Shares- Rules and Accounting Procedures	2
	❖ Employees Stock Option Plan- Rules and Accounting procedure for ESOP and ESPS.	2
Unit-3	Buy back of Shares and Redemption of Preference Shares	
	❖ Rules and accounting for buy back	2
	❖ Redemption of Preference Shares (with and without Bonus Shares)	3
Unit-4	❖ Valuation of Goodwill and Shares	
	❖ Goodwill: Meaning and types; Valuation of goodwill using different methods, need for valuation	4
	❖ Valuation of Equity Shares (both fully and partly paid) by using intrinsic value and yield value method & fair value, cum-dividend and ex-dividend; majority and minority point of view. Valuation of Preference Shares, Bonus Shares, Right Shares	8
UNIT-5	Amalgamation, Absorption and Reconstruction of Company:	
	❖ Amalgamation- meaning and differences, causes of amalgamation, Recommendation and Application of AS-14 (old), Business Combination (Ind AS-103),Accounting for Amalgamation in the nature of merger and in the nature of purchase. Absorption of Company (with inter-company investment), Schemes for Amalgamation	10
	❖ Reconstruction- Internal and External-Provisions, rules and accounting, Schemes for internal reconstruction.	10
UNIT-6	Liquidation of Companies	

	❖ Meaning, types and procedures	1
	❖ Statement of Affairs	5
	❖ Liquidator's final statement of accounts	5
UNIT-7	Accounting for Holding Company	
	❖ Meaning, Legal requirements, relevant accounting standard	2
	❖ Consolidation Procedure as per AS 21(old) and relevant terms and issues as per Ind AS 27 ❖ Preparation of Consolidated Balance Sheet (Simple Holding)	10
		90**

**** including 15 hours for tutorial.**

Suggested Reading

- ❖ Sukla, Grewal, Gupta: Advanced Accountancy Vol. II, S Chand
- ❖ R. L.Gupta & Radheswamy, Advanced Accountancy Vol. II, S. Chand
- ❖ Maheshwari & Maheshwari, Advanced Accountancy Vol. II, Vikash Publishing
- ❖ Sehgal & Sehgal, Advanced Accountancy Vol. I II, Taxman Publication
- ❖ Hanif & Mukherjee, Financial Accounting, Vol III , TMH
- ❖ Frank Wood, Business Accounting Vol II, Pearson
- ❖ V.K.Goyal, Corporate Accounting, Excel Books
- ❖ Rajasekaran, Corporate Accounting, Pearson
- ❖ Accounting Standards issued by ICAI

*** L = 1 Lecture Hour.**

B. Marketing Specialisation

CONSUMER BEHAVIOUR & SALES MANAGEMENT

Paper DSE3 : Semester 5

Subject Code : FACADSE03T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1: Consumer Behaviour – Concept and Overview (20 L)*

Concept of Consumer Behaviour, model of consumer decision-making -- input, process, output. Steps in the process – need identification, information search, evaluation of alternatives, purchase decision, post-purchase behaviour.

Unit 2: Factors Affecting Consumer Behaviour (20 L)

Internal: Needs and motives, perception, learning, attitudes, personality and lifestyle. External: Family, Reference groups, social class and culture.

Unit 3: Consumer Versus Organisational Buying Behaviour [05 L]

Characteristics, Consumer versus organizational buying behavior, factors affecting organizational buying behavior. (5L)

Unit 4: Sales Force Management [15 L]

Objectives, Strategies, Structure, Size of Sales Force; Compensation of Sales Force. Recruitment, Selection, Placement, Transfer, Training and Development, and Grievance, Handling of Sales Force; Motivating, Leading and Communicating with the Sales Force; Performance Evaluation of Sales Force.

Unit 5: Sales Management Process [15 L]

Nature and Importance; Personal Selling as a Career; Steps in Personal Selling – Prospecting, Pre-approach and qualifying. Methods of Approaching a Customer; Presentation – Planning, Process and Styles; Handling Customer Objections; Types of Objections; Negotiations- Bargaining approaches, Bargaining Strategies and Tactics during Negotiation. (15L)

Unit 6: Salesmanship and Buyers' Behaviour [15 L]

Functions and Qualities of a Salesman; Understanding Buyer Behaviour and Buyer-Seller Interactions; Product knowledge; Customer Knowledge; Relationship Management, Types of Selling; Effective Sales Process; Executing and Following up of Sales Order.

Suggested Readings:

- ❖ Consumer Behaviour – Schiffman & Manuk, PHI.
- ❖ Consumer Behaviour – Soloman, PHI.
- ❖ Consumer Behaviour – Loudon & Della Bitta, TMH
- ❖ Cundiff, Still and Govoni, Sales Management, PHI, New Delhi.
- ❖ Smith, R., Sales Management, PHI, New Delhi.

* L = 1 Hour.

**PRODUCT & PRICING MANAGEMENT AND MARKETING
COMMUNICATION**

Paper DSE4 : Semester 5

Subject Code : FACADSE04T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 90 [LECTURE HOURS 75 & TUTORIAL HOURS 15]

Unit 1: Product [10 L]*

Meaning & concept of Product, features, importance, classification, Levels of Product Service: Meaning & features. Classification of Services. Product Mix – length, width, depth, consistency, BCG Matrix. PLC – concept, features and strategies, uses and limitations, different shapes of PLC.

Unit-2: New Product Development [20L]

New Product – Definition, stages of New Product Development, factors affecting new product development, adoption process, diffusion of industrial innovation. New Product failure- reasons, test marketing – definition, advantages and disadvantages. Meaning & functions of Packaging, packaging strategies, packing notes and packing lists, Package Aesthetics, legal & ethical aspects of packaging, features of good packaging. Concept & Importance of Branding, Brand Selection

Process; strategies, brand positioning, brand repositioning strategies, leader positioning and follower positioning.

Unit-3: Pricing

[15L]

Concept & Importance of Pricing, features of pricing, factors determining effective pricing, process of price setting, pricing objectives and methods, resale price maintenance – concept, advantages, disadvantages, importance of price in consumer buying process, various aspects of service pricing, price cartel, Pricing in Indian context, regulatory price environment.

Unit 4: Marketing Communications

[15L]

Concept & Importance of Marketing Communication, Steps involved in the process of Communication, Barriers to Marketing Communication, Marketing Communication Mix: Concept & Elements, Concept and Importance of Advertising, Sales Promotion, Personal Selling & Publicity, Advertising Media: Types. New Trends in Marketing Communication.

Unit-5: Advertising Process

[15 L]

Advertising Appeal, Copy Writing, Headline, Illustration, Message, Copy Type, Campaign Planning, Different Types of Media, Media Planning, Scheduling. Advertising Agency Roles, Relationships with Clients, Role of Advertising Department, Measuring Advertising Effectiveness, Legal and Ethical Aspects of Advertising.

Unit 6: Sales Promotion

[15 L]

Meaning, Nature and Function, Types, Sales Promotion Techniques (Sample Distribution, Coupon, Price off, premium plan, Consumer contests, Displays Demonstration, Trade Fairs and Exhibitions, Role of Sales force, Limitation of Sales Promotion.

Suggested Readings

- ❖ Kotler and Kellar, Marketing Management, Pearson.
- ❖ William and Ferrell, Marketing, Houghton Mifflin McGraw-Hill.
- ❖ Neelamegham, Marketing in India: Cases and Readings, Vikas Publishing.
- ❖ Majumder, Product Management in India, PHI.
- ❖ Srivastava, R. K., product Management & New product Development, Excel Book.
- ❖ Ramaswamy and Namakumari, Marketing Management, Macmillan India.
- ❖ Srinivasan Case Studies in marketing: The India Context, PHI.
- ❖ Batra and Myers, Advertising Management, Prentice Hall
- ❖ Sengupta, Brand Positioning Strategies for Competitive Advantage, TMH
- ❖ Cundiff, Still and Govoni, Sales Management, Prentice Hall
- ❖ Rossiter and Percy, Advertising and Promotion Management, MacGraw-Hill Sundage,
- ❖ Fryburger and Rotzoll, Advertising Theory and Practice, AITBS
- ❖ Belch and Belch, Advertising and Promotion, McGraw Hill

* L = 1 Hour.

C. Systems & Operations Specialisation

FUNDAMENTALS OF COMPUTER

Paper DSE5 : Semester 5

Subject Code : FACADSE05T

Total No. of Credits – 06 [5+1]

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]
TOTAL CLASS HOURS : 105 [LECTURE HOURS 75 & PRACTICAL HOURS 30]

Unit 1 :Digital Computer Systems

[15 L]*

Evolution of Digital Computer Systems – supercomputer, mainframe, minicomputer, server, microcomputer, workstation; Mobile Computing; Block Diagram of Digital Computer Systems; Functioning of Microprocessor; Data processing - Machine Instruction Cycle; Computer Hardware I/O Components; Computer Memory Hierarchy.

Unit 2 :Computer Software

[15 L]

Programming languages – Low level and High level; Systems Software - Machine language, Assembly Language, Operating Systems – features, types; Systems Control Programs - Disk Operating System and Batch File Programming; Language processors - Translator, Compiler and Interpreter ;High level language - Application Software, Utility Software, Open Source OS & software;Software Security Issues, Ethical Hacking.

Unit 3 :Number System and Binary Arithmetic

[15 L]

Positional Number Systems – Decimal, Binary, Octal, Hexadecimal; Data Representation – decimal-binary & alphanumeric representation (BCD, EBCDIC, Gray Code, Unicode, ASCII); Fixed Point and Floating Point Representation; Binary Arithmetic – Addition, Subtraction, Multiplication; Signed Number Representation – One’s Complement, Two’s Complement.

Unit 4 : Logic Gates and Boolean Algebra

[15 L]

Digital Logic Gates; Boolean Algebra; Representation of Boolean function – Truth Table, Logic Diagrams, Simplified Circuits.

Unit 5 :Basic Programming Techniques – an Overview

[15 L]

Program execution modes – Batch, Online, Time-sharing; Procedure-Oriented Programming (POP) - Algorithm and Flowcharting techniques to a given problem (branching, looping); Object-Oriented Programming (OOP) – meaning of Object, Class, Data Abstraction & Encapsulation, Inheritance, Polymorphism, Dynamic Binding, Message Passing; Benefits & applications of OOP;Structured Programming.

Unit 6 : Programming in Basic / C/ C++(Practical)

[30 L]

Basic Syntax; Saving, Running, Merging, Erasing Programs, Getting Data into the Memory, Restore Statement; Workings with constants & variables, arithmetic expressions, relational expressions, printer controls, jumping (GO TO statement), branching (IF..THEN statement), looping (FOR WHILE statement), subscripted variables, functions & subroutines.

OR

Tally

Suggested Readings

- ❖ Turban, Rainer, Porter. Introduction to Information Technology. Wiley India.
- ❖ Mano, Morris. Computer System Architecture. PHI India.
- ❖ Thareja,R. Information Technology and Its Applications in Business. Oxford India.
- ❖ Dhar, Pranam. Computer Application in Business. International Publishing House.
- ❖ Jana, Samanta. Overview of Information Technology & its Applications in Business, NCBA.
- ❖ Balagurusamy, E. Object-Oriented Programming with C++. Tata MG Hill.
- ❖ Balagurusamy,E . Programming in Basic. Tata MG Hill.
- ❖ Kanetker, Y. Let Us C. BPB Publication.

* L = 1 Hour.

DATABASE MANAGEMENT SYSTEM & NETWORKING

Paper DSE6 : Semester 5

Subject Code : FACADSE06T

Total No. of Credits – 06 [5+1]

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 105 [LECTURE HOURS 75 & PRACTICAL HOURS 30]

Unit 1. Introduction to DBMS: Concepts of database and database management system(DBMS). Data abstraction. Architecture – three schema architecture. Administration roles.

[15 L]*

Unit 2. Data models & Languages : hierarchical model, network model and relational model. Database languages: Data Definition Language (DDL), Data Manipulation Language (DML), and Data Control Language(DCL).

[15 L]

Unit 3. SQL – An Overview: SQL constructs, embedded SQL , Query & Query Optimization Techniques. **(Practical)**

[30 L]

Unit 4. Database Design & Normalisation : Design phases - conceptual, logical and physical . ER diagram and model. Database Normalisation: Concept. Normal forms - 1NF, 2NF, 3NF, BCNF.

(15 L)

Unit 5. Indexing; Single level indexing - Primary, Clustering, Secondary. Multilevel indexing.

(15 L)

Unit 6 : Networking Internet and E-Communication : Data Transmission, Goal of Network, Network Architecture, LAN, WAN, Various Topologies, Communication Media, Basic Network Concepts, Client-server Concept, Internet – concept, history, Development in India,

[15 L]

Suggested Readings:

- ❖ Korth, Data Base System Concepts, TMH
- ❖ Leon, Data Base Management System, VIKAS
- ❖ Ivan Bayross, PL/SQL Programming
- ❖ The Complete reference Office Xp- Stephan L. Nelson, Gujulia Kelly (TMH)
- ❖ Basic Computer Science and Communication Engineering – R. Rajaram (SCITECH)
- ❖ Dhar, Pranam, Computer Application in Business, ABS Publishing House.
- ❖ Sinha, P.K., Priti Sinha (2002). Foundation of computing. BPB Publications.
- ❖ James, A. O'Brien (2005). Introduction to Information Systems. TMH
- ❖ Norton, P. (2001). Introduction to computers. TMH.

*** L = 1 Hour.**

Year 3 : Semester 6

FINANCIAL MANAGEMENT

Paper 1 : Semester 6

Subject Code : FACACOR13T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

Unit	Topic	Content	Hours
1	A- Financial Management an Overview	<ul style="list-style-type: none"> • Definition, Scope and Important functions of Financial Management • Emerging Role of Finance Manager • Financial Goal: Profit maximization vs. value maximization 	10
	B- Concepts of Value and Return	<ul style="list-style-type: none"> • Time Value of Money: concepts and reasons • Compounding and Discounting techniques • Concepts of Annuity and Perpetuity. • Risk-return relationship (concepts only) 	10
2	Sources of Finance and Cost of Capital	<ul style="list-style-type: none"> • Different sources of finance : Long term and Short term sources • Cost of Capital: concept, relevance of cost of capital, Implicit and Explicit cost, specific costs – (computation of Cost of Equity, Cost of Retained Earnings, Cost of Debt and Cost of Preference Capital); Weighted Average Cost (its computation), rationale of after-tax-weighted-average cost of capital and marginal cost of capital (its computation). 	15
3	A- Leverage	<ul style="list-style-type: none"> • Concept, types and significance of leverage, Concept of Business Risk and Financial Risk – Derivation of Operating and Financial Leverage and Combined Leverage, Trading on Equity • EBIT-EPS analysis –Financial break even, Indifference Point. 	7
	B- Theories of Capital Structure	<ul style="list-style-type: none"> • Meaning and Importance of Capital Structure, Factors influencing Capital Structure, Linkage between Cost of Capital and Capital Structure, Designing Optimum Capital Structure, constraints, Features of sound capital structure, Various Capital Structure Theories (excluding M-M model). 	8

4	Working Capital Management	<ul style="list-style-type: none"> • Concept of Working Capital; Types of Working Capital, Determinants of Working Capital, Meaning of Working Capital Management. • Estimation of Working Capital Needs; Operating or Working Capital Cycle. • Various sources of finance to meet the working capital requirements. • Management of component of working capital-Management of Cash, Receivables, Inventory (Basic Concept). 	10
5	Capital Expenditure Decisions (1)	<ul style="list-style-type: none"> • Meaning, Objectives & Importance, Techniques of Decision Making; • Concept of Cash Flow; Cash flow vis-à-vis profit and determination of Cash Flow • Non-discounted and Discounted Cash Flow Approaches 	8
	Capital Expenditure Decisions (2)	<ul style="list-style-type: none"> ❖ Payback Period Method, Accounting Rate of Return and their relative merits and demerits ❖ Discounted Payback Period, Net Present Value, Profitability Index, Benefit cost ratio, Internal Rate of Return, Relative merits and demerits of the methods (excluding replacement decision) ❖ Ranking of Competing Projects, Capital Rationing (elementary level). 	12
6	Dividend Decisions	<ul style="list-style-type: none"> • Meaning, nature, Significance and types of dividend; dividend and retention; concept of pay-out ratio, retention ratio and growth • Dividend Policies and formulating a dividend policy. • Dividend theories; Walter's Model, Gordon's Model, 	10
		•	90**

**** including 15 classes for tutorial.**

Suggested Readings

- ❖ James C. Van Horne and Sanjay Dhamija, Financial Management and Policy, Pearson Education
- ❖ Levy H. and M. Sarnat. Principles of Financial Management. Pearson Education
- ❖ B. Banerjee, Financial Policy & Management Accounting, PHI
- ❖ M.Y. Khan & P.K. Jain, Basic Financial Management, McGraw Hill Education
- ❖ P. Chandra, Fundamentals of Financial Management. McGraw Hill Education
- ❖ I.M. Pandey, Financial Management. Vikas Publications
- ❖ R.P. Rustagi, Fundamentals of Financial Management. Taxmann Publication Pvt. Ltd.
- ❖ R.Kothari, Financial Management, Sage Publication
- ❖ Dr. D. Sur &J. Sarkhel, An Introduction to Financial Management, Book Syndicate Private Limited.

*** L = 1 Lecture Hour.**

RESEARCH METHODS & PROJECT WORK

Paper 2 : Semester 6

Subject Code : FACACOR14T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

Module – 1 : Research Methodology (3 credits)

Unit I: Introduction to Research Methodology, Research Process and Design: Definition, Meaning, Objectives and Categories of Research, Features of good research studies, Types of Research Studies, Scientific & non scientific methods, Research Methods & Research Methodology , Research Problem formulation and statement of research objectives – definition, selection of the Problem– techniques involved; Meaning, need, features of Research Design **[07 L]***

Unit II: Sampling Design & Measurement Scales : Some Fundamental Definitions and Need for Sampling, Different types of sampling, Basic concepts of statistic, parameter, Standard Error, Important Sampling Distributions. Concept, meaning and definition of measurement and scaling. Types of data and measurement scales- nominal, ordinal, interval and ratio. Concept of reliability and validity – Basic Concepts. **[15 L]**

Unit IV: Methods of Data Collection and Data Analytics – Basic Concept : Concept of Primary data and secondary data. Methods of Collection of Primary Data. Questionnaire Design. Concept of Null hypothesis , alternative hypothesis, Type-I error, Type-II error, level of significance and power of a test. Parametric tests (considering univariate single/two /three population set up)--- z -test, t- test, F- test . Nonparametric tests - χ^2 test. **[16 L]**

Unit IV : Interpretation and Report Writing : Interpretation – Meaning, techniques, precaution, significance of Report Writing, Steps in Writing Report, Layout and Types of the Research Report, Oral Presentation, Precautions, Procedure of writing Bibliography, Use of Computer & Computer Technology. **[07 L]**

Module – 2: Project Work (3 credits)

Each of the students has to undertake a project individually under the supervision of a teacher of the concerned college and to submit the same following the guidelines stated below.

- Language of the Project Report and Viva-Voce Examination must be in English. It must be typed and spirally bounded.
- Failure to submit the Project Report or failure to appear at the Viva-Voce Examination shall be treated as “absent” in the examination. In such case, he / she can submit the Project Report and appear at the Viva-Voce Examination in the subsequent year(s) (within the time period as per University rules).
- No marks will be allotted on the Project report unless a candidate appears at the Viva-Voce Examination. Similarly, no marks will be allotted to Viva-Voce Examination unless a candidate submits his / her Project report.
- Evaluation of the Project Work to be done jointly by one internal expert and one external expert with equal weightage, i.e., average of the marks awarded by the internal and external experts will be allotted to the candidate.

- The project report should be restricted to 2,500 words.
- Components of the Project Report

Cover page: This should contain the title of the project proposed, to whom it is submitted, for which degree, name of the author, name of the supervisor, year of submission, name of university.

Acknowledgement: Various organizations & individuals who might have provided assistance / co- operation during the process of carrying out the study.

Documents to be attached with the Final Project Report:

 1. Approval letter from the supervisor (As per Annexure 1)
 2. Student's declaration (As per Annexure 2)
 3. Certificate from the competent authority of the organization/ institution, if the student undertakes the project work in any organization / institution.
- **Body of the Report:** The body of the report should have these four logical divisions:

Introduction: this will cover the background, rationale / need / justification, brief review of literature, objective, methodology (the area of the study, sample, type of study, tools for data collection, and method of analysis), and Chapter Planning.

Conceptual Framework/ National/ International scenario (relating to the topic of the Project).

Presentation of Data, Analysis & Findings (using the tools and techniques mentioned in the methodology).

Conclusion, limitations and Recommendations: In this section, the concluding observations based on the main findings, limitations of the study and suggestions are to be provided.

Bibliography and References: This section will include the list of books and articles which have been used in the project work, and in writing a project report.

Annexure: Questionnaires (if any), relevant report etc.
- **No. of copies to be prepared:** Three (3) copies of the Project Report are to be prepared – one for the student and other two for submission.]

Annexure-1
Supervisor's Certificate

*This is to certify that Mr. / Msa student of B.Com(Hons.) of
.....(College) under the West Bengal State
University, Barasat, has worked under my supervision and guidance for his / her Project Work and
prepared a Project Report with the title
.....
His / her work is genuine and original to the best of my knowledge.*

Place :

Signature

Date :

Name:

Designation:

Annexure-2
Student's Declaration

*I hereby declare that the Project Work with the title (in block letters)
.....
submitted by me for the partial fulfillment of the degree of B.Com (Hons.)
under the West Bengal State University, Barasat, is my original work and has not been submitted
earlier to any other University / Institution for the fulfillment of the requirement for any course of
study.
I also declare that no chapter of this manuscript in whole or part has been incorporated in this
report from any earlier work done by others or by me. However, extracts of any literature which has
been used for this report are duly acknowledged providing details of such literature in references.*

*Signature
Name:
Address:
Registration No.
Roll No.*

*Place:
Date:*

..... Cover Page / Title page.....
Project Report
(Submitted for the Degree of B.Com (Hons.).....
at (College) under West Bengal State University)

Title of the Project
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
.....(Month & Year of Submission).....

Submitted by
..... (Name of the Candidate)
Registration No. :
Roll No. :

Supervised by
..... (Name of the Supervisor)
.....(Designation)
.....(Name of the College).....

Suggested Readings

- ❖ Krishnaswamy, K.N., Sivkumar, K.I., Mathirajan, M., Management Research Methodology, Pearson Education.
- ❖ Cooper, Donald R., Schindler Pomde S., Business Research Methods, Tata McGraw Hill.
- ❖ Kulkarni, M.V., Research Methodology, Everest Publishing House.
- ❖ Kothari, C.R., Research Methodology – Methods & Techniques, New Age Intl.
- ❖ Ahuja, Ram., Research Methods, Rawat Publications.
- ❖ Russell, Ackoff, L., The Design of Social Research, University of Chicago Press.
- ❖ Wilkinson, T.S. and Bhandarkar, P.L., Methodology and Techniques of Social Research, Himalaya Publishing House.
- ❖ Goon, A.M. Gupta, M.K. and Dasgupta, B., Fundamentals of Statistics, The World Press.
- ❖ Johnson, Richard A., Wichers, Dean W., Applied Multivariate Statistical Analysis, Pearson Education.
- ❖ Bennet, R: *Management Research*, ILO, Geneva
- ❖ Fowler, Floyd J. Jr., *Survey Methods*, Sage Publication, New Delhi
- ❖ Fox, J.A. and P.E. Tracy: *Randomized Response: A Methods of Sensitive Surveys*, Sage Publication, New Delhi
- ❖ Gupta, S.P. *Statistical Methods*, Sultan Chand, New Delhi.
- ❖ Golden, Biddle, Koren and Karen D. Locke, *Composing Qualitative Research*, Sage Publication, New Delhi.

* L = 1 Lecture Hour.

DISCIPLINE-SPECIFIC ELECTIVE SUBJECTS

A. Accounting & Finance Specialisation

FINANCIAL STATEMENT ANALYSIS

Paper DSE7 : Semester 6

Subject Code : FACADSE01T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

UNIT 1: Introduction to Financial Statements Analysis: Nature and Component of Financial Statements; Meaning and needs of FSA; Sources of financial information; Parties interested in FSA; Techniques of financial statement analysis – Comparative Statement – meaning, preparation, uses, merits and demerits; Common-size Statement – meaning, preparation, uses, merits and demerits; Trend Analysis – meaning, determination, uses, merits and demerits. **[20 L]***

UNIT 2: Ratios for FSA: Meaning, objective, classification of financial ratios; Advantages and limitations; Computation, analysis and interpretation of important ratios for measuring – liquidity, solvency, capital structure, profitability and managerial effectiveness; Preparation of financial statements and statement of proprietor's fund from the given ratios. **(20 L)**

UNIT 3: Fund Flow and Cash Flow Statements: Concept of fund, Meaning and objectives of fund flow statement, various sources and applications, advantages & limitations of fund flow statement;

Meaning and objectives of cash flow statement, difference with fund flow statement, Preparation and presentation of cash flow statement as per relevant Accounting Standard; analysis and interpretation of the cash flow position. **(20 L)**

UNIT 4: Equity Analysis: Value and price; Dividend Discount Model; Deciding the appropriate cash flow for discounting; Free cash flow to the firm; Free cash flow to equity; Price-Earnings Ratio; Why P/E multiples vary; Du Pont Formula. **(20 L)**

UNIT 5: Corporate Distress Prediction: Concept, causes and symptoms of corporate financial distress; Prediction of corporate distress using Altman Z-score, multiple discriminant analysis and decision-tree analysis. **(10 L)**

Suggested Readings

- Lev, Financial Statement Analysis-a new approach, Prentice Hall.
- Foster G, Financial Statement Analysis, Prentice Hall.
- White, Sondhi & Fred, Analysis and Use of Financial Statement, John Wiley.
- Bernstein & Wild, Financial Statement Analysis; theory, application & interpretation, McGraw Hill.
- Bhattacharyya, Asish K., Introduction to Financial Statement Analysis, Elsevier.
- Ormiston, Understanding Financial Statement, Pearson.
- Subramanyam, K.R. and Wild, Financial Statement Analysis, McGraw Hill.

* **L = 1 Lecture Hour.**

BUSINESS ETHICS & CORPORATE GOVERNANCE

Paper DSE8 : Semester 6

Subject Code : FACADSE02T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

Module I :Business Ethics

Internal Assessment: 12.5 marks, Semester-end Examinations: 25 marks

Unit1: Introduction **[15 L]***

Nature of business ethics; ethics and morality; ethics versus law; Kohlberg's six stages of moral development; teleological approach; deontological approach;

Unit 2 : Social Aspects of Business Ethics **[15 L]**

Stakeholder theory; stakeholder mapping; ethical leadership; ethical leadership styles; traits of an ethical leader;

Unit 3: Managing Ethical Dilemmas **[15 L]**

Meaning and nature of ethical dilemma; characteristics of ethical dilemmas; the dilemma resolution process; common ethical dilemma in finance, marketing and HRM

Module II

Corporate Governance

Internal Assessment: 12.5 marks, Semester-end Examinations: 25 marks

Unit 1: Framework of Corporate Governance in India [15 L]

Meaning; American, European, Japanese and Indian models of corporate governance; corporate boards and its powers, responsibilities; board committees and their functions; shareholders grievance committee; investors relation committee; risk management committee; audit committee; corporate governance reforms in the Companies Act, 2013

Unit 2: Major Corporate Scandals in India and Whistle-blowing policy [15 L]

Case study of few Corporate Scams in India – Satyam Computers, Kingfisher Group, Punjab National Bank; The Concept of Whistle-blowing policy; types of whistleblowers; the whistle-blower legislation across countries; recent developments in India

Unit 3: Corporate Social Responsibility (CSR) [15 L]

Concept of CSR, Corporate Philanthropy; Relationship of CSR with Corporate Sustainability, CSR and Business Ethics, CSR and Corporate Governance; CSR provisions under the Companies Act 2013

Suggested Readings

- ❖ Fernando, A.C., Business Ethics: An Indian Perspective, Pearson Education
- ❖ Murthy, C.V.S., Business Ethics – Text and Cases, Himalaya Publishing House
- ❖ Fernando, A.C., Corporate Governance: Principles, Policies and Practices, Pearson Education
- ❖ Bajpai, G.N., The Essential Book of Corporate Governance, Sage
- ❖ ICSI, Study Material of Professional Programme, Module 2, Paper 6, Ethics, Governance and Sustainability

* L = 1 Lecture Hour.

B. Marketing Specialization

RETAIL MANAGEMENT & MARKETING OF SERVICES

Paper DSE9 : Semester 6

Subject Code : FACADSE03T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

Unit	Detailed	Hours
	Module I : Retail Management	
1.	Introduction to Retail Management Meaning/Definition of Retail Management; Importance; Functions. Retail Formats Concept; Types of Retailing – Multi Channel Retailing, Single Retailing in India Present scenario of retailing in India; Factors determining Growth of Retailing in India; Impact of Retail in Nation's Economy;	20

2.	Pricing in Retail Concept of Pricing in Retailing; Factors affecting Retail Pricing; Importance of Retail Pricing.	15
3.	Promotion in Retail Need and Objective of Promotional Mix in Retailing; Promotional Mix and Strategy development; Customer Relationship Management.	10
Module II : Marketing of Services		
4.	Introduction to Services Marketing – Overview Concept of services; Types; Function; Nature; Characteristics; Understanding Services Customers; Impact of service marketing in the economy of a country. Managing Services Quality; Relationship marketing – Concept; Service Communication Mix; Communication Strategy.	10
5.	Issues in Marketing Mix of Services Service- Product or Packages; Pricing in Services; Place in Services; Promotion of Service; People in Services; Physical Evidence; Process Management.	15
6.	Service Marketing in Non-profit and profit Organizations Travel and Tourism; Financial Services; Information Technology Services; Media Services; Health Care Services; Educational Services	15
Total Lecture Hours		90**

** including 15 classes for tutorial.

Suggested readings

- ❖ Madaan, Fundamentals of Retailing, Tata McGraw-Hill
- ❖ Pradhan, S., Retailing Management, McGraw Hill
- ❖ Seshanna & Prasad, Retail Management, McGraw Hill
- ❖ Berman, Evans & Mathur, Retail Management, Pearson
- ❖ Verma, H. V., Services Marketing, Pearson
- ❖ Venugopal and Raghu, Services Marketing, Himalaya Publishing Ltd.
- ❖ Ravi Shankar, Services Marketing : The Indian Perspective, Excel Books
- ❖ Rampal & Gupta, Services Marketing, Concepts, Applications & Cases, Galgotia
- ❖ Apte, Services Marketing, Oxford University Press.

* L = 1 Lecture Hour.

RURAL MARKETING & INTERNATIONAL MARKETING

Paper DSE10 : Semester 6

Subject Code : FACADSE04T

Total No. of Credits - 6

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASSES: 90 [LECTURE CLASS 75 & TUTORIAL CLASS 15]

Unit 1: Rural Marketing – An Overview

[20 L]*

Concept, scope and importance, rural vs. urban marketing, Current trends in Rural Markets in India. Characteristics, Attitude and Behaviour, Buying patterns and factors influencing rural consumer.

Unit 2: Rural Products & Organisations – Different Types [25 L]

Types of products – seeds, fertilizers, agro chemicals and their markets, Role of Government and other Organizations in Marketing Agricultural Products. Types of Co-operative marketing, Structure of co-operations, Problems of Rural Marketing and Agricultural Marketing.

Unit 3: International Marketing – An Overview [10 L]

Definition of international marketing, domestic vs. international marketing, process of internationalization, EPRG framework.

Unit 4: International Marketing Environment [10 L]

Economic -cultural – culture and its characteristics, influence of culture on consumption decisions, political and legal environment.

Unit 5: International Marketing Strategy & Documentation [25 L]

International product life cycle, branding, Promotion strategies, standardization versus adaptation; Distribution: methods of entry into foreign markets, foreign market channels; International pricing methods: transfer pricing, dumping, countertrade, factors affecting pricing. Process of importing and exporting; Documentation: certificate of origin, bill of lading, letter of credit.

Suggested Readings:

- ❖ J, Paul & R, Kapoor, International Marketing, TMH.
- ❖ Vasudeva: International Marketing: Excel Books.
- ❖ Cherulinam: International Marketing: Himalaya.
- ❖ Mathur, U.C., Rural Marketing, Excel Books.
- ❖ Mamoria, Agricultural Marketing, Himalaya Publishing House.
- ❖ Rajagopal, Management of Rural Business, Wheeler.

* L = 1 Hour.

C. Systems & Operations Specialization

INTERNET & WWW AND FUNCTIONAL E-BUSINESS SYSTEM

Paper DSE11 : Semester 6

Subject Code : FACADSE05T

Total No. of Credits – 06 [5+1]

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]

TOTAL CLASS HOURS : 105 [LECTURE HOURS 75 & PRACTICAL HOURS 30]

Module I: INTERNET AND WORLD WIDE WEB

Unit 1. Working of the internet with TCP/IP: Origin of TCP/IP. TCP/IP communication architecture, Internet Architecture, Working of TCP/IP, TCP/IP Applications - FTP, Telnet, Simple Mail Transfer Protocol, Network File System. **(Practical)** (30 L)

Unit 2. Internet Concepts: WWW, Internet and E-Commerce, Linking to the Internet, Internet Address, Internet Tools- Information Retrieval tools (ftp, Gopher), Communication Tools (Email, FTP, Telnet, Usenet), Multimedia Information Tools (Home page), Information Search Tools (Archie, Veronica, WAIS). Domain Name System. (10 L)

Unit 3. Intranet and Extranet: Intranet, Intranet vs. Groupware, Intranet Hardware, Intranet Software, Intranet Services (Web (HTTP) Publishing, HTML,), Communication Systems (Email, Fax), Software used in Electronic mail, Electronic Meeting Systems (Audio conferencing, Video Conferencing, Groupware), Extranet. (06 L)

Unit 4. Internet Security: Security on the internet, Network and Website Security Risks, Site Hacking, Security Incidents on the internet security and email, network and website security, Firewall (Concept, Components and Constituents, Benefits), Enterprise wide security Framework, secure physical infrastructure). (10 L)

Module II: FUNCTIONAL E-BUSINESS SYSTEM

Unit 1. Applications of E-Business: Direct Marketing and Selling, Value Chain Integration, Supply Chain Management, Corporate Purchasing, Financial and Information Services, Obstacles in adopting E-Business Applications. (05 L)

Unit 2. E-Strategy: Information and Strategy, The virtual value chain planning E-Business project, E-Business strategy and knowledge management. (04 L)

Unit 3. Customer-effective Web design: Requirements of Intelligent Websites, Website Goals and Objectives, planning the budget, analyzing website structure, fixed versus flexible webpage design, choosing a page size, website development tools, design alternatives, outsourcing web design, testing and maintaining websites. (20 L)

Unit 4. Mobile Commerce- Wireless Spectrum, WAP - Origins of WAP, WAP Architecture, Wireless Datagram Protocol (WDP), Short Message Services, General Packet Radio Service (GPRS), Wireless Technology (CDMA, GSM), Different generations in Wireless Communication, Mobile commerce and its future in India. (20 L)

Suggested Readings

- S. Jaiswal, Doing Business on the Internet E-COMMERCE (Electronic Commerce for Business), Galgotia Publications.
- P.T. Joseph, E-Commerce An Indian Perspective, S.J., PHI.
- Kenneth C. Laudon, Carol Guerico Traver, 3.E-Commerce Business, Technology, Society, Pearson Education.
- Schneider, E-Commerce, Thomson Publication

* L = 1 Lecture Hour.

COMPUTER APPLICATION & E-BUSINESS APPLICATION (Practical)

Paper DSE12 : Semester 6

Subject Code : FACADSE06T

Total No. of Credits - 06

Full Marks 75

[Internal Assessment: 25 Marks Semester-End Examination: 50 Marks]
TOTAL CLASS HOURS : 180 [PRACTICAL HOURS 180]

Module I

COMPUTER APPLICATION (Practical)
Internal Assessment: 12.5 marks
Semester-end Examinations: 25 marks
Total : 37.5 marks

Unit 1: C++ [30 L]
Unit 2: Use of Accounting software package – TALLY [60 L]

Module II

E-BUSINESS APPLICATION (Practical)
Internal Assessment: 12.5 marks
Semester-end Examinations: 25 marks
Total : 37.5 marks

Unit 1: HTML & DHTML [60 L]
Unit 2: JAVA [30 L]

1. Oops Concept and Introduction to JAVA. 2. An overview of Java. 3. Data Types - variables and arrays. 4. Operators, Control statements. 5. Classes and objects. 6. Inheritance. 7. String and string buffer. 8. Exception handling. 9. Applets.

Suggested Readings:

- ❖ Turban, Rainer and Potter, Introduction to Information Technology, Wiley.
- ❖ ITLES, Introduction to Information Technology, Pearson.
- ❖ Sinha & Sinha, Fundamentals of Computers, BPB Publication.
- ❖ Ramesh Behl, Information Technology for Management, TMH.
- ❖ Turban, Rainer and Potter (2003). Introduction to information technology. John Wiley and sons.
- ❖ Sinha, P.K., Priti Sinha (2002). Foundation of computing. BPB Publications.
- ❖ James, A. O'Brien (2005). Introduction to Information Systems. TMH
- ❖ Norton, P. (2001). Introduction to computers. TMH
- ❖ Rajaraman, V. (2004). Introduction to Information Technology. PHI.
- ❖ Cyganski - Information Technology: Inside and outside (Pearson, 1st Edition).
- ❖ Basandra SK - Computers Today (Galgotia, 1st Edition).
- ❖ Leon A and Leon M - Introduction to Computers (Leon Vikas, 1st Edition).
- ❖ Leon - Fundamentals of Information Technology, (Vikas)
- ❖ Kakkar DN, Goyal R – Computer Applications in Management (New Age, 1st Edition).

SECTION – C
MEDIUM OF INSTRUCTION FOR THE EXAMINEES

Resolved unanimously that the Question Papers for the Honours Candidates will be set in English only. However, they may answer in English/Bengali Language.

SECTION – D
PROPOSED QUESTION PATTERN IN THE SEMESTER-END EXAMINATIONS
for
Three year B.Com. Honours Course
Semester wise Structure of Syllabus CBCS
To be effective from the Academic Session 2018-19

Year 1: Semester 1

Subject Code	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR01T	Financial Accounting I	10	2	3
		15	2	3
FACACOR02T	Principles & Practice of Management	2	5	8
		5	4	6
		10	2	4
FACHGEC01T	Business Economics	2	5	8
		5	4	6
		10	2	4

Year 1: Semester 2

Paper No.	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR03T	Cost & Management Accounting I	10	2	3
		15	2	3
FACACOR04T	Marketing Management and Human Resource Management	2	5	8
		5	4	6
		10	2	4
FACHGEC02T	Business Mathematics & Statistics	2	5	8
		5	4	6
		10	2	4

Year 2: Semester 3

Paper No.	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR05T	Business Regulatory Framework	2	5	8
		5	4	6
		10	2	20
FACACOR06T	Direct Taxation	10	2	3

**Vide Resolutions taken at U.G.BOS Meeting, C&M WBSU dt. 23.5.2018. and in concurrence with 50
CBCS Guidelines provided by UGC, WBSCHSE and WBSU.**

		15	2	3
FACACOR07T	Financial Accounting II	10	2	3
		15	2	3
FACHGECO3T	Business Communication & E-Commerce	2	5	8
		5	4	6
		10	2	4
FACSSEC01M	Information Technology & its Business Application	10	1	10
		15	Practical	

Year 2: Semester 4

Subject Code	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR08T	Company Law	2	5	8
		5	4	6
		10	2	4
FACACOR09T	Indirect Taxation	10	2	3
		15	2	3
FACACOR10T	Cost & Management Accounting II	10	2	3
		15	2	3
FACHGECO4T	Entrepreneurship Development	2	5	8
		5	4	6
		10	2	4
FACSSEC02M	Tax Returns & Filing of Tax Returns	10	1	10
		15	Practical	

Year 3: Semester 5

Subject Code	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR11T	Auditing	2	5	8
		5	4	6
		10	2	4
FACACOR12T	Indian Financial System	2	5	8
		5	4	6
		10	2	4
FACADSE01T	DSE 1 : Banking & Insurance	2	5	8
		5	4	6
		10	2	4
FACADSE02T	DSE 2 : Corporate Accounting	10	2	3
		15	2	3
MKTADSE03T	DSE 3 : Consumer Behaviour and Sales Management	2	5	8
		5	4	6
		10	2	4
MKTADSE04T	DSE 4 : Product & Pricing Management and Marketing Communication	2	5	8
		5	4	6
		10	2	4
SYOADSE05T	DSE 5 : Fundamentals of Computer	2	5	8
		5	4	6
		10	2	4
		25	Practical	

SYOADSE06T	DSE 6 : DBMS and Networking	2	5	8
		5	4	6
		10	2	4
		25	Practical	

Year 3: Semester 6

Subject Code	Subject	Marks in each Question	No. of Questions to be Answered	No. of Questions to be set
FACACOR13T	Financial Management	10	2	3
		15	2	3
FACACOR14T	Research Methods & Project Work	5	3	5
		2	5	8
FACADSE07T	DSE 7 : Financial Statement Analysis	10	2	3
		15	2	3
FACADSE08T	DSE 8 : Business Ethics & Corporate Governance	10	2	3
		15	2	3
MKTADSE09T	DSE 9 : Consumer Behaviour and Sales Management	2	5	8
		5	4	6
		10	2	4
MKTADSE10T	DSE 10 : Rural Marketing and International Marketing	2	5	8
		5	4	6
		10	2	4
SYOADSE11T	DSE 11 : Internet & WWW and Functional e-Business System	2	5	8
		5	4	6
		10	2	4
		25	Practical	
SYOADSE12T	DSE 12 : Computer Applications and e-Business Applications – Practical	2	5	8
		5	4	6
		10	2	4
		25	Practical	

SECTION – E
**SPECIALISATION OF TEACHERS FOR TEACHING AND EVALUATION OF DIFFERENT
PAPERS/SUBJECTS/MODULES****

for
Three year B.Com. Honours Course
Semester wise Structure of Syllabus CBCS
To be effective from the Academic Session 2018-19

Subject/Module/Paper	Specialisation of Teachers for Teaching and Evaluation
Business Economics	M.A./M.Sc. in Economics
Business Mathematics & Statistics	M.Sc. Mathematics/Statistics or M.Sc. in Economics with Specialisation in Econometrics
Information Technology & its Business Applications	M.C.A. or M.Sc. in Computer Science or M.Com with sufficient knowledge in IT
Indian Financial System	M.A. /M.Sc. in Economics and/or M.Com
Research Methods & Project Work	Any teacher teaching at the B.Com (Honours) Course may guide the students for the Project Work
Tax Returns & Filing of Returns	M.Com with sufficient knowledge in IT, who are conversant with the Accounting and Taxation Softwares and its applications
DSE 1A, 2A, 3A and 4A	M.Com with Accounting & Finance Specialisation
DSE 1B, 2B, 3B and 4B	M. Com/M.B.A. with Marketing Specialisation
DSE 1C, 2C, 3C and 4C	M.C.A. or M.Sc. in Computer Science or M.Com with specialization or additional/diploma in Computer Applications and e-Business
Papers/Subjects/Modules other than those mentioned above	M.Com

**** In case of any extra-ordinary situation, the Chairperson – UG BOS is empowered to take decision regarding teaching/evaluation, in concurrence with the Hon'ble Vice-Chancellor, WBSU, as directed.**

*Recommended by UG BOS in Commerce & Management
At its meeting held on 06.06.2018. with the CBCS Committee, WBSU.*

Sd/-
Dr. Pranam Dhar
Chairperson.