SYBAF

w.e.f.

Academic Year

2023-24

Program: B.Com (Accounting and Finance)

| No. of | Semester III | | Credits | No. of | Semester IV | | Credits |
|------------------------------------|--------------------------------|-----------------|---------|-----------------------------------|--------------------------------|-----------------|---------|
| Cours | | | | Cours | | | |
| es | | | | es | | | |
| 1 | Elective Courses (EC) | | | 1 | Elective Courses (EC) | | |
| | Strategic Financial Management | DSE | 03 | | Commodity & Derivative Markets | DSE | 03 |
| | Operation Research | Elective Gen | 03 | | Management Accounting | Elective Gen | 03 |
| | Company Law | Elective Gen | 03 | | Securities Law and IPR | Elective Gen | 03 |
| | Equity and Debt Markets | Elective Gen | 03 | | Indian Economy | Elective Gen | 03 |
| 2 *Skill Enhancement Courses (SEC) | | | 2 B | **Skill Enhancement Courses (SEC) | | | |
| 5 | Information Technology | | 03 | 5 | Research Methodology | | 03 |
| 3 | 3 Core Courses (CC) | | | 3 | Core Courses (CC) | | |
| 6 | Special Accounting Areas | | 04 | 6 | Corporate Financial Accounting | | 04 |
| 7 | Indirect Taxes | | 04 | 7 | Methods of Costing | | 04 |
| Total Credits | | | 23 | | Total Credits | | 23 |

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

On completion of the B.Com. (Accounting and Finance), the learners should be enriched with knowledge and be able to-**PSO1:** Leaners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing.

PSO2: Learners will demonstrate values and the role of accounting in society and business.

PSO3: Learners will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers.

PSO4: Learners will be able to recognise features and roles of businessmen, entrepreneur, managers, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.

PSO5: Learners will acquire the skills like effective communication, decision making, problem solving in day-to-day business affairs.

PS06: Learners will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Learners will be able to demonstrate knowledge in setting up a computerized set of accounting books.

PSO7: Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

PSO8: Learners will be able to implement the concepts of IND-AS and IFRS for Companies.

PSO9: Learners will be able to examine the structure of Indian Financial System and financial services.

PS10: Learners will be able to identify and assess the working of different financial markets- Equity,

Debt, Derivatives, Commodities, Foreign Exchange.

PS11: Learners will be able to acquire knowledge of relevant provisions under various law.

PS12: Learners will involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.

Preamble

There is no denying the fact that the way the business in financed and conducted today has undergone and unprecedented change during the past one decade. The change was mainly caused by the process of liberalization, deregulation, privatization, technological advancement and globalization. These processes have a direct impact on the operating overall financial system made up of Banking, Insurance and all other financial services. According the Financial System too had to be addressed to through various reforms measures to effectively cater to the changing needs created by these processes.

More and more profitably running a business means having a clear understanding of where and how the appropriate business finance can be sourced and productively utilized. Such an understanding is to day provided through the basic Bachelor degree courses in commerce of a University. What generally taught today in B.Com. Degree course is about Accounting, Auditing, Business Economics, Business Communications, Business Law, Commerce and Trade etc. and the teaching is mostly theoretical.

But the Methods of financing business growth, the sources of finance availability, and the mechanisms used for procuring and utilizing the finance productively and profitably have been first diversifying and progressively changing too. What is therefore, required is greater in depth knowledge of different aspects of banking Insurance and other financial services and thorough understanding of the practical application of the theory. It is here the University Education system should adapt adjust and change.

It is in this context, highly commendable on the part of Dean of the Faculty of Commerce in conjunction with the Board of studies in Commerce and the Ad hoc Board of Studies in Banking and Finance had initiated the process of launching a new degree course in University of Mumbai styled as "Bachelor of Commerce (Accounting & Finance)" with the advent of theacademic Year 2003-2004.

Accordingly, a small expert group was constituted on deliberate on the issue and submit a framework of these areas to covered in proposed New Degree Course, after exhaustive discussions in two/three meetings a blue print of the outline of the course. (With about 40 Modules spread over 3 years of 2 semesters each) was developed and put up for consideration in a joint meeting of the board of studies in commerce and Ad-hoc Board of studies in Accounting and Finance held on 04 January 2002. A resolution was passed to constitute small sub- Group to prepare syllabus of the modules assigned to each sub-group.

With the introduction of Choice based System, there is Continuous evaluation consisting of components of Internal Assessment & External Assessment.

The sub-committee has taken utmost care to maintain the continuity in the flow of information of higher level

We are thankful to co-conveners and all the members of our sub-committees for their great efforts and for timely submission of the draft syllabus.

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24)Semester: III | | | | | | | | |
|---|--|--|--------------------------|--|---|----|--|--|
| Course: Special Accounting Areas | | | | | Course Code: | | | |
| Teaching Scheme | | | Evaluation Scheme | | | | | |
| Lecture (Hours pe week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment ((Marks - 2 | ContinuousSeme ExaminaAssessment (CA) (Marks - 25)(Markare) | | ester End ations (SEE) arks- 75 estion Paper) | |
| 4 | | | 4 | 25 | | | 75 | |
| Learning Und as s Stu Stu Insi | Learning Objectives: Understanding special features of consignment business and understand why consignment is termed as special transaction. Students will understand the procedure for accounting for Fire Insurance Claim Students will be able to understand the accounting related to Hire Purchase Insight into procedure of maintaining accounts as per the Co-operative Societies Act | | | | | | | |
| Course O After com CO1: Ap co CO2: Co CO3: Ide sit CO4: Ap | Course Outcomes: After completion of the course, learners would be able to: CO1: Apply the accounting treatment for consignment transactions and events in the books of consignor and consignee CO2: Compute the amount of claim to be lodged with insurance company CO3: Identify the components of total hire purchase price and compute the interest under different situations CO4: Apply the accounting norms of Co-operative Societies and prepare its final accounts | | | | | | | |
| Outline o | f Syllabus: (per sess | ion plan) | | | | | | |
| Module | Description | | | | | | No of Hours | |
| 1 | Consignment Accounting 15 | | | | | 15 | | |
| 2 | Accounting for Fire | Insurance | Claim | | | | 15 | |
| 3 | Accounting for Hire Purchase 15 | | | | | | 15 | |
| 4 | 4 Accounting for Co-operative Societies 15 | | | | | | | |
| | Total | | | | | | 60 | |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Consignment Accounting | 15 |
| | Accounting for Consignment Transactions Valuation of Stock Invoicing of Goods at Higher Price (Excluding Overriding Commission, Normal / Abnormal Losses) | |
| Module 2 | Accounting for Fire Insurance Claim | 15 |
| | Computation of Loss of Stock by Fire Procedure for Claim settlement and Application of Average Clause. Ascertainment of Claim and Gross Profit Ratios. | |
| Module 3 | Accounting for Hire Purchase | 15 |
| | Meaning and Calculation of Interest Accounting for Hire Purchase Transactions by Asset Purchase Method Based on Full Cash Price Journal Entries, Ledger Accounts and Disclosure in Balance Sheet for Hirer and Vendor (Excluding Default, Repossession and Calculation of Cash Price) | |
| Module 4 | Accounting for Co-operative Societies | 15 |
| | Definitions under Maharashtra State Co-operative Societies Act. Types of Co-operative Societies, accounting systems, returns and statements. Accounting provisions of Maharashtra State Co- operative Societies Act and Rules. Problems based on Final Accounts of Consumer Co- operative Societies and Credit Co-operative Societies. Definition of Housing Society Classification Main objects of housing society Model Bye- Laws Formats and Problems based on Final Accounts of Co- operative Housing Society. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advance Accounts by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advanced Accountancy by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi
- Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi

Supplementary Readings

- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Financial Accounting by Lesile Chandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi
- Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai
- Accounting Principles by R.N. Anthony and J.S. Reece, Richard Irwin, Inc
- Financial Accounting by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida
- Compendium of Statement and Standard of Accounting, ICAI
- Indian Accounting Standards, Ashish Bhattacharya, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Company Accounting Standards by Shrinivasan Anand, Taxman, New Delhi
- Financial Accounting by V. Rajasekaran, Pearson Publications, New Delhi
- Introduction to Financial Accounting by Horngren, Pearson Publications, New Delhi
- Financial Accounting by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- Financial Accounting a Managerial Perspective, Varadraj B. Bapat, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- <u>www.icai.org</u> (E- Books/ Study Material)
- <u>www.icmai.in</u> (E- Books/ Study Material)

Evaluation Pattern

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Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|---|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Theory/Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) Semester: III | | | | | | | |
|---|---|--|-------------------|---|-----------|--|-------------|
| Course: | ndirect Taxes | | | | Course | Code: | |
| | Teaching So | heme | | Evaluation Scheme | | | |
| Lectur (Hours p week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuous Assessment (CA) (Marks - 25) | | nester End nations (SEE) Iarks- 75 nestion Paper) | |
| 4 | | | 4 | 25 | | | 75 |
| • To • To • To • To • To | Learning Objectives: To understand basics of GST and GST Registration procedure. To know about ITC, GST payment procedure & Various returns. To understand the concept of supply including time, place and value of supply under GST. To gain insight on basic provisions of Customs. | | | | | | |
| Course C After con CO1: Id CO2: Ex CO3: Ex CO4: Re | Course Outcomes: After completion of the course, learners would be able to: CO1: Identify and relate the existing system with respect to GST. CO2: Explain and apply GST Registration procedure and other related provisions. CO3: Explain and apply GST payment and return filing procedure. CO4: Recall various types of custom duties and baggage rules | | | | | | |
| Outline o | of Syllabus | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Overview of Goods and Service Tax and Registration Under GST 15 | | | | | | 15 |
| 2 | Time, Place and Val | ue of sup | ply of goods or s | services and Paym | ent of GS | Т | 15 |
| 3 | Refunds, Returns, Accounts and Records, Assessment and Audit 15 | | | | 15 | | |
| 4 | 4 Overview of Customs Law 15 | | | | 15 | | |
| | Total 60 | | | | | | |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Overview of Goods and Service Tax and Registration Under GST | 15 |
| | Overview of GST: Introduction of GST Existing taxes subsumed under GST Constitutional framework History of GST Benefits of GST GST Council GST Network (GSTN) Reverse Charge Mechanism Types and Rates of GST Composition Schemes Exemptions from GST Registration: General Provisions and Procedure of registration Special provisions relating to casual taxable person and non-resident taxable person Amendment of registration Cancellation of registration | |
| Module 2 | Revocation of cancellation of registration Time, Place and Value of supply of goods or services and Payment of CST | 15 |
| | Time, Place and Value of Supply: Meaning of Supply and types of supply Time of Supply Place of Supply Value of Supply Payment of GST: Input Tax Credit Electronic Ledger Payment of Tax Due date of GST Payment Interest, Late fee and Penalty TDS & TCS | |
| Module 3 | Refunds, Returns, Accounts and Records, Assessment and Audit | 15 |

| | Provisions regarding Refund of tax, Refund in certain cases, Interest on delayed refunds Types of Returns with due date Accounts and other records (GST Invoice, Debit note, Credit note, Electronic Way Bill etc.) Audit under GST Assessment and Types of Assessment | |
|----------|--|----|
| Module 4 | Overview of Customs Law | 15 |
| | Introduction to customs law Important Definitions Import and Export Procedure Types of Customs duties Valuation Rules Refund and Duty Drawback Baggage Rules | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- GST Law & Practice V.S Datey (Revised Edition)
- Systematic Approach to GST-Dr. Girish Ahuja and Dr. Ravi Gupta
- GST & Custom Duty- Dr. H C Mehrotra

Supplementary Readings

- GST Laws National Academy of Customs, Indirect Tax
- GST Laws by Taxmann (Singhania)
- Indirect Tax by Sanjay Bangar
- Customs Act (Taxmann)
- ICAI Study Material on Indirect Tax
- ICSI Study Material on Indirect Tax
- GST official Website

Evaluation Pattern

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25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

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Approved by Vice – Principal

| Program | : B.Com. (Accounting | g and Fina | ince) (2023-24) | | Semeste | er: III | | |
|---|---|--|--|---|--|------------------------------------|--|--|
| Course: | Strategic Financial M | anageme | nt | - | Course | Code: | | |
| | Teaching So | cheme | | | Evaluat | tion Scheme | | |
| Lectur (Hours p week) | re Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment (Marks - 2 | Continuous Assessment (CA) (Marks - 25) | | ester End ations (SEE) arks- 75 estion Paper) | |
| 3 | | , | 3 | 25 | | | 75 | |
| Learning • Kn cor • Un • De • Ev | g Objectives: ow about various cap nsiderations firms gen derstand different kin scribe primary source aluate a company's m | ital struct herally con nds of divi es of liquid hanagemen | ure theories and usider when mal dends and vario dity and factors nt of accounts re | list a number of f king capital struct ous dividend polic influencing liquid eceivable, invento | factors or ure decisi ies ity ry, and Ca | practical ons. ash over time | | |
| Course C After con CO1: Aj CO2: Aj CO3: Co CO4: Id In | Dutcomes: hpletion of the course pply different types o pply dividend theorie ompute the working c entify and evaluate the ventory and Receival of Syllabus: (per sess | , learners f theories s and moc apital req ne necessa oles Mana sion plan) | would be able to in making capit lels in making d uirement and ap ry tools to use i gement. | o: al structure decisi ividend policy de oply the Tondon C n managing a con | ons cisions committee pany's n | Norms and re et daily cash p | ecommendations position, | |
| Module | Description | | | | | | No of Hours | |
| 1 | Capital Structure De | cisions | | | | | 11 | |
| 2 | Working Capital Ma | inagemen | t | | | | 11 | |
| 3 | Cash Management | | | 12 | | | | |
| 4 | Inventory and Recei | vables Ma | anagement | | | | 11 | |
| | Total | | | | | | 45 | |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Capital Structure Decisions | 11 |
| | Meaning and Factors governing capital structure decisions. EBIT- EPS Analysis Theories of Capital Structure | |
| Module 2 | Working Capital Management | 11 |
| | Introduction, Factors affecting working capital requirement, Types, Operating cycle and Estimation of Working Capital Requirement. Financing of working capital, Maximum Permissible Bank Finance and Tandon committee norms and recommendations. | |
| Module 3 | Cash Management | 12 |
| | Introduction and Meaning Motives for holding cash Various aspects of cash management Cash Budget as tool of management and its preparation Cash Collection and Disbursements Managing cash shortages and cash surplus. Problems based on Cash Budget | |
| Module 4 | Inventory and Receivables Management | 11 |
| | Inventory Management: Meaning, Features and Objectives. Various Techniques for Inventory Control- Stock Levels, ABC Analysis, EOQ Model, JIT. Receivable Management: Cost and benefits of receivables, credit policy and procedures, Controlling and monitoring receivables, ageing of debtors, Concept of Factoring. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Financial Management: I M Pandey, Vikas Publishing House.
- Financial Management: Khan & Jain or Ravi M Kishore, Taxman

Supplementary Readings

- Financial Management: Text and Problems by M.Y. Khan and P.K. Jain, Tata McGraw Hill, New Delhi
- Financial Management: Theory and Practice by Prasanna Chandra, Tata McGraw Hill, New Delhi
- <u>www.icai.org</u> (E- Books/ Study Material)
- <u>www.icmai.in</u> (E- Books/ Study Material)

Evaluation Pattern

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25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

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Approved by Vice – Principal

| Program | : B.Com. (Accounting | g and Fina | ance) (2023-24) | | Semeste | er: III | |
|---|---|--|---|---|------------|--|-------------|
| Course: | Operation Research | | Course Code: | | | | |
| | Teaching Sc | cheme | | | Evaluat | tion Scheme | |
| Lectur (Hours p week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | ContinuousSemeAssessment (CA) (Marks - 25)(Mathematical Mathematical Mathematic | | ester End ations (SEE) arks- 75 estion Paper) | |
| 3 | | | 3 | 25 | | | 75 |
| Learning | g Objectives: | | | | | | |
| Ide Un sof | ntify and develop oper derstand the mathemative tware to solve the pro | erational r atical tool posed mo | esearch models s that are needed odels. | from the verbal d | ation prol | of the real sy blems. Use ma | athematical |
| After con CO1: De re En CO2: Aj | After completion of the course, learners would be able to: CO1: Develop a report that describes the model and the solving technique, analyse the results and propose recommendations in language understandable to the decision-making processes in Management Engineering. CO2: Apply mathematical tools wherever needed | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Transportation Mode | els | | | | | 10 |
| 2 | 2 Assignment Models 10 | | | | 10 | | |
| 3 | Network Analysis – PERT & CPM | | | 13 | | | |
| 4 | Linear Programming | , , | | | | | 12 |
| | Total | | | | | 45 | |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Transportation Models | 10 |
| | Introduction, Characteristics and Assumptions Solution of Transportation Problem using – a) North – West Corner Method b) MODI Method c) Least- Cost Methodd) Vogel's Approximation Method Unbalanced Transportation Problem, Degeneracy in Transportation Problem | |
| Module 2 | Assignment Models | 10 |
| | Introduction, Characteristics and Assumptions Formulation of an Assignment Problem Hungarian Method Variation of the Assignment Problem | |
| Module 3 | Network Analysis – PERT & CPM | 13 |
| | Objectives. Managerial applications. Basic Network components. Construction of network based on nodes (events and activities. Dummy included. Start, finish, slack times for events and activities. Total Float, Free Float and Independent Float. Critical events, critical activities, critical path. Methodology of PERT. Three Time Estimates. Expected project duration. Expected Activity durations and Variance of activities. Estimate of Probability. 90%, 95%, 99% assurance period. Reading of normal tables. Given various durations, find probability of completion. Maximum number of activities to be restricted to upto 10 (ten only). Distinction between PERT and CPM. Time-Cost trade off. Cost Slope. Methodology of CPM technique. Stepwise crashing to be done. Optimum cost and minimum time problems. Crashing answer should be obtained within a maximum of 6 (six steps) Resource levelling, resource smoothing, updating | |
| Module 4 | Linear Programming | 12 |
| | • Formulation and solving of Linear Programming Problems. Minimization and Maximization types. | |

| Mixed constraints. Explanation of infeasible/ unbounded solutions | |
|---|--|
| Formulation and solving of linearprogramming model for the given data. Maximization (all constraints of the type ≤ only and minimization (all constraints of the type ≥ only type of problems. Mixed constraintsonly simple problems. Big-M method excluded. Total number of in equations to be upto at most three (3 and total number of decision variables to be upto at most 3. All solutions to be completed within 2 iterations (excluding the initial table. Sensitivity analysis to include only (i effect of changes in the objective function coefficients (ii effect of changes in R.H.S. coefficients. Excluded are duality, further | |
| economic interpretation. But, Degeneracy, two minimum ratios being equal, 'infinity' and 'negative' minimum ratios included. Unbounded solutions to the initial problem included | |
| mittar prostem metuded. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings:

- Kapoor V.K., Operations Research Techniques for Management, 7th Edition, Sultan Chand & Sons
- Sharma S.D., Operations Research, 8th Edition, Kedarnath, Ramnath& Company

Supplementary Readings

- Kantiswarup, Gupta P.K. & Manmohan, Operations Research 9th Edition, Sultan Chand & Sons
- Taha H.A., Operations Research An Introduction, 6th Edition, Hall of India
- Bronson R, Operations Research, 2nd Edition, Shaum's Outline Series
- Vora N.D, Quantitative Techniques in Management, 3rd Edition, Tata McGraw Hill co.
- Shreenath L.S, Principles & Application 3rd Ed., PERT & CPM, Affiliated East-West Press Pvt. Ltd.
- Wagener H.M., Principles of Operations Research 2nd Edition, Prentice Hall of India
- Sasieni M, Yaspan A & John Wiley & Sons Friedman L, Operations Research Methods & Problems 1st Edition
- Natrajan Balasubramani, Tamilarasi, Operations Research, Pearson Education
- G. Hadley, Linear Programming, Narosa Book Distributors Private Ltd
- L.C. Jhamb, Quantitative Techniques (For Managerial Decisions VOL I), Everest Publishing House, Pune.
- Paul Loomba, Linear Programming, Tata McGraw Hill Publishing Co. Ltd.
- Aditham B. Rao, Operations Research Edition 2008, Jaico Publishing House, Mumbai

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|------------------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | , , | Total Marks | 75 |

Signature

Signature

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) | | | Semester: III | | | | |
|---|---|--|--------------------------|---|----|---|----|
| Course: Equity and Debt Markets | | | | Course Code: | | | |
| Teaching Scheme | | | Evaluation Scheme | | | | |
| Lectur (Hours p week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | ContinuousSeme ExaminAssessment (CA) (Marks - 25)(Markarkarkarkarkarkarkarkarkarkarkarkarka | | ester End ations (SEE) arks- 75 stion Paper) | |
| 3 | | | 3 | 25 | | | 75 |
| Learning | g Objectives: | | | | | | |
| • Lea | arn about the Debt and | d Equity N | Market as a sour | ce of Investment | | | |
| Course Outcomes: After completion of the course, learners would be able to: CO1: Describe the working of Debt Market and Bond Market CO2: Identify and enumerate various instruments of Debt and Bond Market CO3: Describe Capital Market and its operations CO4: Identify recent developments in stock markets Outline of Syllabus: (per session plan) | | | | | | | |
| Module | Aule Description No of Hours | | | | | | |
| 1 | Introduction to Debt Market 10 | | | | | | 10 |
| 2 Instruments in Debt Market and Bond Valuation | | | | | 13 | | |
| 3 | 3 Financial Markets – Types (Capital markets) | | | | | 10 | |
| 4 Dealing in Stock Exchange | | | | | 12 | | |
| Total | | | | | | 45 | |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Introduction to Debt Market | 10 |
| | Debt markets in India and its various components. Regulators and legal aspects of Debt Markets. International debt markets-major players. Overview of Bond sector: Basic concepts, Features, Types, Advantages and disadvantages, Risks associated with investment in bonds- Interest rate risk, Credit risk, Reinvestment risk, Liquidity risk, Inflation risk, Sovereign Risk, Primary and Secondary market for bonds, Sovereign bonds, Semi government bonds, State and local bonds, Corporate Debt securities | |
| Module 2 | Instruments in Debt Market and Bond Valuation | 13 |
| | Analysis and Valuation: Principles of valuation, Valuation models, Basic valuation model, Yield measures, YTM, estimating cash flows and rates, Valuation using multiple discount rates, valuing semiannual cash flows, Valuing Zero coupon bonds. Binomial Model. Value of a put able bonds and Callable bond. Mortgage-Backed Sector of Bond Market. Asset-backed sector of Bond Market Term structure and Volatility of Interest rates, treasury yield curve, Swap curve, expectations theory. Sources of return, Swap spreads, Spot rates, Forward rates, Measurement of interest rate risk: Full valuation approach, price volatility characteristics of bonds, Duration, Convexity | |
| Module 3 | Financial Markets – Types (Capital markets) | 12 |
| | Capital market (Primary and Secondary market Primary Market (Categories of investors, Ways of mobilizing funds) – IPO, Rights issue, Preferential Issue, Pricing of an issue in a primary market – fixed price & book building, IPO process ii. Secondary market (Types/components of Secondary market – OTC & Exchange traded, role of brokers & sub-brokers, stock exchanges- functioning, Reforms in the stock exchanges in India (De-materialisation, screen-based trading, creation of market regulators, Role & functions of SEBI) iii. Products in the primary & Secondary market (equity – types of shares | |

| Module 4 | Dealing in Stock Exchange | 10 |
|----------|---|----|
| | Role of Brokers, Stock Market Quotations, Procedure for buying & selling BOLT - On Line Trading/ NEAT System Clearing & Settlement, Order Matching Recent developments | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Bhardwaj, Gautam, The Future of India's Debt Market, Tata McGraw Hill.
- Shah, Ajay, Thomas, Sushan and Gorham, Michael, (2008), Indian Financial Markets, Elsevier, USA.

Supplementary Readings

- Suryanarayan, Debt Market, ICFAI Publication Press.
- Fabozzi, Frank, Fixed Income Analysis Workbook, 2nd edition, John Wiley & Sons.
- FIMMDA-NSE Debt Market (Basic) Module, Workbook from NSE.
- Dun and Bradstreet, (2008), Fixed Income Securities, Tata McGraw Hill.
- Money Market Operations in India-A K Sengupta.
- The Indian Money Market- Krishna Kumar Sharma.
- Stiguam's Money Market- Marcia Stigum.
- CNBC Guide to Money and Markets.

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | , , | Fotal Marks | 75 |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) | | Semeste | Semester: III | | | | |
|---|---|--|---------------|---|---------|---|-------------|
| Course: Company Law | | | Course Code: | | | | |
| | Teaching So | cheme | | | Evaluat | tion Scheme | |
| Lectur (Hours p week) | re Practical (Hours per week) | Tutori al (Hours per week) | Credit | ContinuousSemeAssessment (CA)(Ma(Marks - 25)in Ques | | ester End ations (SEE) arks- 75 stion Paper) | |
| 3 | | | 3 | 25 | | | 75 |
| • To stat • To • To • To | Learning Objectives: To encourage the development of student's skill in legal reasoning and analysis through study of statutes, case laws and regulatory practice relating to company law To learn the provisions regarding Prospectus and role of Directors in a Company To provide students with an awareness of current policy trends and developments in Company Law | | | | | | |
| After con CO1: In CO2: Do CO3: En CO4: Id | Course Outcomes: After completion of the course, learners would be able to: CO1: Interpret and Apply the provisions of Companies Act CO2: Describe various types of prospectus and related norms CO3: Enumerate role of directors in the Company and their responsibilities CO4: Identify about the current policy trends and developments in Company Law. Outline of Syllabus: (per session plan) | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Company | | | | | | 10 |
| 2 | 2 Prospectus 12 | | | | | 12 | |
| 3 | Directors 13 | | | | | | |
| 4 | 4 Emerging Issues in Company Law 10 | | | | | 10 | |
| | Total 45 | | | | | | |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Company | 10 |
| | • Definition, Characteristics, Lifting of Corporate Veil, Types of Companies, Formation of a Company, Promoters, Pre-incorporation Contracts, Provisional Contracts, Memorandum of Association, Articles of Association. | |
| Module 2 | Prospectus | 12 |
| | • Contents, Abridged Prospects, Red-herringProspectus, Shelf Prospects, Statement in lieu of Prospectus, Misrepresentation of Prospectus, Public Offer and Private Placement Share Capital: Issue and allotment of shares, Buy Back of Shares, Rights Issue, Book Building, Bonus Share, Demat System, Forfeiture and Surrender of Shares, Provisions relatingto Payment of Dividend, Investor's Education andProtection Fund, Dividend. | |
| Module 3 | Directors | 13 |
| | Classifications of Directors, Appointment, Qualification and Disqualifications, Legal Position and Powers, Managing Director, Manager, Meeting of Board of Directors, Meeting of Shareholders, Requisites of a valid Meeting: Notice, Agenda, Chairman, Quorum, Proxy, Polls, Resolutions and Minutes. Compulsory Winding up. | |
| Module 4 | Emerging Issues in Company Law | 10 |
| | Concepts of Producer Company, One Person Company (OPC), Small Company, Associate Company. Doctrine of Ultra vires -concept, meaning with exceptions, case study- Ashbury Railway Carriage. Indoor Management -concept, meaning with exceptions, case study- Royal British Bank. Constructive Notice -concept & meaning. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Company Act, 2013 by Taxmann
- Elements of Company Law N.D. Kapoor, Bharat Bhushan, Sultan Chand Publication

Supplementary Readings

- Companies Act 2013 by Ravi Puliani, Bharat Publication
- Companies Act 2013 by Taxmann
- ICAI Amendments
- ICSI Study Material

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | , | Fotal Marks | 75 |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) | | | Semeste | Semester: III | | | | |
|---|--|--|--------------|--|----|--|-------------|--|
| Course: Information Technology | | | Course Code: | | | | | |
| | Teaching SchemeEvaluation Scheme | | | | | | | |
| Lectur (Hours per weel | e Practical (Hours per x) week) | Tutori al (Hours per week) | Credit | ContinuousSemAssessment (CA) (Marks - 25)(M | | ester End ations (SEE) arks- 75 estion Paper) | | |
| 3 | | | 3 | 25 | | | 75 | |
| To trai To To To To | Learning Objectives: To learn basic concepts of Information Technology in business process and to provide practical hands-on training for MS office tools. To provide practical hands-on training in computerised accounting software – Tally To understand various aspects and to develop perceptive of major functional area of MIS. To learn auditing in IT environment | | | | | | | |
| Course C After con CO1: CO2: CO3: CO4: CO4: | Course Outcomes: After completion of the course, learners would be able to: CO1: Apply various concepts in Information Technology and tools in business process CO2: Use various MS office tools and computerised accounting software and packages CO3: Design and Frame MIS Reports CO4: Apply the audit tools and audit procedures in IT Environment | | | | | | | |
| Module | Description | | | | | | No of Hours | |
| 1 | Office Productivity | Tools | | | | | 12 | |
| 2 | Computerized Accounting System 08 | | | | | | | |
| 3 | 3 Concept of MIS Reports in Computer Environment 07 | | | | 07 | | | |
| 4 | IT and Auditing | | | 07 | | | | |
| 5 | 5 Business Process | | | | 11 | | | |
| | Total | | | | | 45 | | |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Office Productivity Tools | 12 |
| | Information systems – Meaning, Use of IT in accountancy Accounting systems automation IT and Business Process Management MS Excel: Creating Worksheet, Creating Various Formulae, Financial Formulas, Depreciation Formulas, Pivot Table, Macros, Goal Seek, Creating Charts, Rename and Copy of Worksheets, Using Tools, Printing Review and Set-up Use of Tools in Accounting: – Preparation of vouchers, invoices and reports, Calculation of Interest, Depreciation, TDS, Salary, Taxes, inventory and reconciliation | |
| Module 2 | Computerized Accounting System | 08 |
| | Introduction and meaning, Uses and Benefits, Role, Need and requirements of computerized accounting Basic requirements of computerized accounting system, Advantages of accounting system, Limitations of computerized accounting system Understand the development and design of a computerized accounting system; determining how the accounting data will be processed. Accounting Software: Introduction and Meaning Advantages of accounting software, Uses of Accounting software, various accounting software. Accounting software: TALLY – Accounting and reports. | |
| Module 3 | Concept of MIS Reports in Computer Environment | 07 |
| | Introduction, Concept of MIS, Need for MIS, Characteristic of MIS Outputs of MIS Role of MIS Guidelines for Developing MIS reports Functional Aspects of the MIS, Problems in MIS, Knowledge required for studying MIS, MIS and Computer | |
| Module 4 | IT and Auditing | 07 |
| | Need and importance of IT in auditing, Auditing in IT environment Black Audit and White Audit | |
| Module 5 | Business Process | 11 |

| Business Process – Introduction, Definition and Meaning |
|--|
| Classification of business process |
| Business process management life cycle |
| Theories of business process management |
| Automation of business process |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Fundamentals of Computers Rajaram V Prentice Hall
- Computer today (3rd edition) Sanders, Donald H McGraw Hill
- Computers and Common sense Hunt, Roger and Shelly John Prentice Hall

Supplementary Readings

- Computers Subramaniam N Wheeler
- Introduction to Computers Xavier C. New Age
- Computers and Information Management S C Bhatnagar & V Ramant Prentice Hall
- Internet for Business Brummer, Lavrej Cambridge
- Basic Computer Programmes for Business Sternberg C New Jersey Hayden
- Computer in Business Sanders D McGraw Hill
- E-mail for Everyone Leon Alexis & leon Methews
- John Walkenbach, "Microsoft Excel 2016 Bible: The Comprehensive Tutorial Resource", Wiley Publications
- Wayne L. Winston, "Microsoft Excel 2016 Data Analysis and Business Modeling", PHI Learning Private Limited
- Alexis Leon, "ERP", by McGraw Hill Education; Third edition
- Asok K. Nadhani, "Tally ERP 9 Training Guide" BPB Publications; Fourth editionWayne W. Daneil, Chad L. Cross, "Biostatisics A Foundation for Analysis in Health Science", 10th Edition, Wiley Publications
- E- Books on websites.

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

Signature

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) | | | | Semester: IV | | | | |
|--|---|--|--------------------------|--------------------------------------|--|----|--|--|
| Course: Corporate Financial Accounting | | | | Course Code: | | | | |
| Teaching Scheme | | | Evaluation Scheme | | | | | |
| Lectur (Hours p week) | re Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment (Marks - 2 | ContinuousSemAssessment (CA) (Marks - 25)(M | | ester End ations (SEE) arks- 75 estion Paper) | |
| 4 | | | 4 | 25 | | | 75 | |
| Learning • Ac • Ac • Un | Learning Objectives: Accounting for issue of shares, redemption of preference shares and buy back of equity shares Accounting for issue and redemption of Debentures Understand norms and regulations for company final accounts | | | | | | | |
| Course C After con CO1: Aj CO2: Aj CO3: Aj CO3: Aj CO4: A of CO5: Pr | Course Outcomes: After completion of the course, learners would be able to: CO1: Apply the accounting treatment as related to issue and forfeiture of shares CO2: Apply the provisions as related to redemption of preference shares for accounting purpose CO3: Apply the provisions as related to Buyback of shares for accounting purpose CO4: Apply the accounting treatment as related to issue of debentures and provisions as related to redemption of debentures for accounting purpose CO5: Prepare the Financial statements as part the Companies Act. 2012 | | | | | | | |
| | | | | | | | | |
| Outline of | of Syllabus: (per sess | ion plan) | | | | | | |
| Module | Description | | | | | | No of Hours | |
| 1 | Issue and Forfeiture | of Shares | | | | | 12 | |
| 2 | Redemption of Preference Shares 12 | | | | 12 | | | |
| 3 | 3 Buy Back of Equity Shares 12 | | | | | 12 | | |
| 4 | Issue and Redemption of Debentures12 | | | | 12 | | | |
| 5 | 5 Company Final Accounts | | | | | 12 | | |
| | Total | | | | 60 | | | |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Issue and Forfeiture of Shares | 12 |
| | Definition, Meaning and Characteristics of Company and other aspects Shares and Share Capital Issue of shares and terms of issue of shares. Forfeiture of shares and re-issue of forfeited shares Accounting entries and procedure of issue and forfeiture of shares Issue of Bonus Shares Problems based on issue, forfeiture and re-issue of shares | |
| Module 2 | Redemption of Preference Shares | 12 |
| | Provision of the Companies Act for redemption of Preference Shares (Sec 55 of the Companies Act, 2013), Companies (Share and Debentures) Rules. Methods of Redemption of fully paid-up Preference Shares as per Companies Act, 2013: The proceed of a fresh issue of shares, the capitalisation of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption, Problems on accounting entries and preparation of Balance Sheet. | |
| Module 3 | Buyback of Equity Shares | 12 |
| | Company Law / Legal provisions (including related restrictions, power, transfer to capital redemption reserve account and prohibitions) Compliance of conditions including sources, maximum limits and debt equity ratio. Cancellation of Shares Bought back (Excluding Buy Back of minority shareholding) Problems based on buyback of shares | |
| Module 4 | Issue and Redemption of Debentures | 12 |
| | Introduction, Types of Debentures and Accounting for Issue of Debentures. Introduction: Provisions of Section 71 (1) and (4) of the Companies Act, 2013, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures | |

| • Methods of redemption of debentures: By payment in lumpsum and by payment in instalments (excluding from by purchase in open market), Conversion. | | | |
|---|--|----|--|
| Module 5 | Company Final Accounts | 12 | |
| | Relevant provisions of Companies Act, 2013 related to preparation of Final Account (Excluding Cash Flow Statement) | | |
| | Company Final Accounts as per Schedule III – Construction of Balance Sheet and Statement of Profit and Loss and Notes to Accounts as per Companies Act (Excluding Cash Flow Statement) | | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advance Accounts by Shukla and Grewal, S. Chand and Company (P) Ltd., New Delhi
- Advanced Accountancy by R.L Gupta and M. Radhaswamy, S. Chand and Company (P) Ltd., New Delhi
- Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai

Supplementary Readings:

- Financial Accounting by Lesile Chandwichk, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi
- Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai
- Accounting Principles by R.N. Anthony and J.S. Reece, Richard Irwin, Inc
- Financial Accounting by Monga, J.R. Ahuja, Girish Ahuja and Ashok Shehgal, Mayur Paper Back, Noida
- Financial Accounting by Williams, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Financial Accounting by V. Rajasekaran, Pearson Publications, New Delhi
- Introduction to Financial Accounting by Horngren, Pearson Publications, New Delhi
- Financial Accounting by M. Mukherjee and M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- Financial Accounting a Managerial Perspective, Varadraj B. Bapat, Mehul Raithatha, Tata McGraw Hill Education Pvt. Ltd., New Delhi
- <u>www.icai.org</u> (E- Books/ Study Material)

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) Semester: IV | | | | | | | |
|--|---|--|----------------|---|---------|------------|---|
| Course: Methods of Costing Course | | | Course | Code: | | | |
| | Teaching So | cheme | | | Evaluat | ion Scheme | |
| Lecture (Hours pe week) | r (Hours per week) | Tutori al (Hours per week) | Credit | Continuous Assessment (CA) (Marks - 25) Semester End Examinations (S (Marks- 75 in Question Pape | | | ester End ations (SEE) arks- 75 stion Paper) |
| 4 | 4 4 25 75 | | | | | | |
| Learning | Objectives: | | | | | | |
| Understand the Accounting procedure and concept for Process and Contract Costing Understand conceptual difference between integrated and non-integrated cost accounting system along with ontries | | | | | | ystem | |
| | .8 | | | | | | |
| Course Outcomes: After completion of the course, learners would be able to: CO1: Compute the cost of a contract, progress payment, retention money, Value of work certified, Cost of work not certified CO2: Compute equivalent completed production units and apply the treatment of inter-process profits. CO3: Differentiate the integrated and non-integrated cost accounting system | | | | | | | |
| CO4: State | CO4: State the meaning of Operating Costing and determine the costing procedure for service industry | | | | | | |
| Outline of | f Syllabus: (per sess | ion plan) | • | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Contract Costing | | | | | | 15 |
| 2 | Process Costing 15 | | | | | | 15 |
| 3 | Operating Costing 15 | | | | | 15 | |
| 4 | Integrated and Non- | Integrated | System of Acco | ounting | | | 15 |
| | Total | | | | | | 60 |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Contract Costing | 15 |
| | • Progress payments, Retention money, Contract accounts, Accounting for material, Accounting for Tax deducted at source by the contractee, Accounting for plant used in a contract, treatment of profit on incomplete contracts, Contract profit and Balance sheet entries. Escalation clause, Numerical problems | |
| Module 2 | Process Costing | 15 |
| | Meaning and Features of process costing Costing Procedure and Proforma Process Account Normal Loss, Abnormal Loss and Abnormal Gain Numerical Problems on process costing Equivalent units (FIFO & Weighted Average method) Numerical problems on Equivalent units | |
| Module 3 | Operating Costing | 15 |
| | Meaning of operating costing Determination of per unit cost Pricing of services Collection of costing data Simple problems based on costing of hospital, hotel, goods and passenger transport services | |
| Module 4 | Integrated and Non-Integrated System of Accounting | 15 |
| | Integrated System: Meaning Advantages and disadvantages, Journal Entries. Simple problems Non-Integrated System: Meaning Advantages and disadvantages, Journal entries Simple problems | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Lectures on Costing by Swaminathan: S. Chand and Company (P) Ltd., New Delhi
- Cost Accounting by Ravi M. Kishore
- Cost Accounting by Jawahar Lal and Seema Srivastava, Tata Mc. Grow Hill and Co. Ltd., Mumbai

Supplementary Readings

- Cost Accounting by C.S. Rayudu, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Principles and Practices of Cost Accounting by N.K. Prasad, Book Syndicate Pvt. Ltd., Calcutta
- Cost Accounting Theory and Practice by B.K. Bhar, Tata Mc. Grow Hill and Co. Ltd., Mumbai
- Cost Accounting Principles and Practice by M.N. Arora, Vikas Publishing House Pvt. Ltd., New Delhi
- Advanced Cost and Management Accounting: Problems and Solutions by V.K. Saxena and C.D. Vashist, S. Chand and Company (P) Ltd., New Delhi
- Cost Accounting by S.P. Jain and K.L. Narang, Kalyani Publishers, Ludhiana
- Modern Cost and Management Accounting by M. Hanif, Tata McGraw Hill Education Pvt. Ltd., New Delhi

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|---|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 |) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | | Fotal Marks | 75 |

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| Program: B.Com. (Accounting and Finance) Semester: IV | | | | | | | |
|---|--|--|---|----|--|---|----|
| Course: Commodity and Derivative MarketsCourse Code: | | | | | | | |
| Teaching Scheme Evaluation Scheme | | | | | | | |
| Lectur (Hours J week) | cture irs per eek) Practical (Hours per week) (Hour s per week) Practical (Hour s per week) (Hour s per week) (Credit Credit Continuous Assessment (CA) (Marks - 25) (Marks - 2 | | | | | ester End ations (SEE) arks- 75 ation Paper) | |
| 3 | | | 3 | 25 | | | 75 |
| Learning Objectives: Understand the instruments and working of commodity and derivative market | | | | | | | |
| Course Outcomes: After completion of the course, learners would be able to: CO1: Understand the working of derivative instruments and commodity market CO2: Application of derivative in commodity | | | | | | | |
| | | | | | | | |
| Outline of Syllabus: (per session plan) | | | | | | | |
| Module | Module Description | | | | | No of Hours | |
| 1 | Introduction to Commodity Markets and Derivatives Instruments | | | | | 11 | |
| 2 | Futures Contract | | | | | 12 | |
| 3 | Options Contract | | | | | 12 | |
| 4 | Trading Clearing and Settlement of Futures and Options | | | | | 10 | |
| | Total | | | | | | 45 |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Introduction to Commodity Markets and Derivatives Instruments | 11 |
| | Difference between commodity and financial derivatives | |
| | Evolution & role of commodity exchanges Introduction to the NCDEX system –Trading, clearing & settlement mechanism; Commodities and instruments available. | |
| | Definitions & terminologies of basic derivatives –forwards, futures, options. Need for derivative markets and Participants. Development of Exchange traded derivatives- Global derivatives markets- Exchange traded vs OTC derivatives markets. | |
| Module 2 | Futures Contract | 12 |
| | Futures: Introduction- Future terminology- Key features of futures contracts- Future vs. Forwards- Pay off for futures- Equity futures- Equity futures in India- Index futures- Stock futures- Future trading strategies-Hedging- Speculation- Arbitrage- Spread trading- Theoretical Future Price, Pricing Index Futures, Initial Margin and Maintenance Margin, Marking to Market and Variation Margin. (Numerical on future pricing) | |
| Module 3 | Options Contract | 12 |
| | Options: Introduction- Option terminology- Types- Options pay off- Equity options contracts in India-Index Options – Stock options- Options trading strategies- Hedging- Speculation- Arbitrage- Straddle- Strangles- Strips and Straps – Spread trading. (Bull spread, bear spread, calendar spread) covered call, protective put, box strategy using syntheticfutures. Factors affecting options pricing- Option pricing models- Binominal pricing model- The black and Scholes model –Pricing of Index options. Sensitivity of option premium (Delta, Gamma, Lambda, Theta, Rho) | |
| Module 4 | Trading Clearing and Settlement of Futures and Options | 10 |
| | Futures and Options trading system- Trader workstations- contract specification- specification for stock and index eligibility for trading charges Clearing entities and their role- clearing mechanism – adjustment for corporate actions- open position calculation Margining and settlement mechanism- Risk management- SPAN – Mechanics of SPAN- Overall portfolio margin requirements. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Suggested Readings

- Commodities Market Module, Workbook from NSE
- Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill.
- Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition), Prentice Hall.
- Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons. Indian
- Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India.

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|--------------------------|----------|
| Component 1 (CA-1) | Assignment/ Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Numerical Question (Compulsory) and if required may be divided in to 8 and 7 marks | 15 | 15 |
| 2,3,4,5 | Numerical Questions (Attempt Any 3 out of 4)- Each Question Carries 15 Marks and if required may be divided in to 8 and 7 Marks | 45 | 45 |
| 6 | Short Notes or Concept Testing Questions (Any 3 out of 4 & 5 marks each) | 15 | 15 |
| | | Total Marks | 75 |

Signature

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) Semester: IV | | | | | | | |
|---|--|------------|-------------------|------------------|-----|--|-------------|
| Course: | Course: Management Accounting Course Code: | | | Code: | | | |
| Teaching Scheme | | | Evaluation Scheme | | | | |
| Lectur (Hours p week) | Lecture Hours per week) Hours per week) Hours per week) Hours per week) Hours per week) Hours per week) Hours per week) Hours per week) Hours per Hours per Week) Hours per Hours Per Hour | | | | | ester End ations (SEE) arks- 75 estion Paper) | |
| 3 | 3 3 25 75 | | | | | | |
| Learning | g Objectives: | | | | | | |
| • To | acquaint managemen | t learners | with basic acco | unting fundament | als | | |
| To The bus | To develop financial analysis skills among learners. The course aims at explaining the core concepts of business finance and its importance in managing a business | | | | | | |
| After completion of the course, learners would be able to: CO1: Describe and explain the nature, source, and major purposes of management accounting and control. CO2: Analyse and prepare Financial Statements with the help of accounting ratios for decision making CO3: Prepare different budgets and compute the estimated costs and profits. CO4: Analyse operating, investing and financing activities in a business and prepare cash flow statement Outline of Syllabus: (per session plan) | | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | IAnalysis and Interpretation of Financial Statements12 | | | | | 12 | |
| 2 | Ratio Analysis and Interpretation 13 | | | | | | 13 |
| 3 | Budgetary Control 10 | | | | | 10 | |
| 4 | 4 Cash Flow Statement | | | | | 10 | |
| | Total | | | | | | 45 |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Analysis and Interpretation of Financial Statements | 12 |
| | Study of Financial Statements of Limited Companies Vertical Form of Balance Sheet and Profit and Loss Account – Trend Analysis. Comparative and Common-size Statements. | |
| Module 2 | Ratio Analysis and Interpretation | 13 |
| | • Ratio Analysis: Meaning of financial Statement Analysis, steps, Objective and types of Analysis. Ratio analysis: Meaning, classification, Du Point Chart, advantages and Limitations. | |
| | • Balance Sheet Ratios: i) Current Ratio ii) Liquid Ratio iii) Stock Working Capital Ratio iv) Proprietary Ratio v) Debt Equity Ratio vi) Capital Gearing Ratio | |
| | • Revenue Statement Ratios: i) Gross Profit Ratio ii) Expenses Ratio iii) Operating Ratio iv) Net Profit Ratio v) Net Operating Profit Ratio vi) Stock Turnover Ratio | |
| | • Combined Ratio: Return on Capital employed (Including Long Term Borrowings), Return on proprietor's Fund (Shareholders Fund and Preference Capital), Return on Equity Capital iv) Dividend Payout Ratio v) Debt Service Ratio vi) Debtors Turnover vii) Creditors Turnover | |
| Module 3 | Budgetary Control | 10 |
| | Meaning & objectives, Advantages and limitations of budgets Functional budgets, fixed and flexible budgets Zero based budgeting, performance budgeting Simple numerical problems of preparing flexible budgets and functional budgets | |
| Module 4 | Cash Flow Statement | 10 |
| | • Preparation of Cash Flow Statement with reference to Accounting Standard No 3. (Indirect method only). | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Cost Management by Saxena & Vashist
- Cost & Management Accounting by Ravi N.Kishor ,Publication Taxmonth
- Essential of Management Accounting by P.N.Reddy,Himalaye
- Management Accounting by Khan & Jain, Tata Megaw

Supplementary Readings

- Advanced Management Accounting by Robert S Kailar, Holl
- Financial of Management Accounting by S.R.Varshney,Wisdom
- Introduction of Management Accounting by Charbs T Horngram, PHI Learnng
- Management Accounting by I.m.Pandey, Vikas
- Cost & Management Accounting by D.K.Mattal,Galgotia
- Management Accounting by R.P.Resstogi
- <u>www.icai.org</u> (E- Books/ Study Material)
- <u>www.icmai.in (E- Books/ Study Material)</u>
- <u>www.icsi.edu (E- Books/ Study Material)</u>

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | , | Fotal Marks | 75 |

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Approved by Vice – Principal

| Program | : B.Com. (Accounting | g and Fina | ance) (2023-24) | | Semeste | r: IV | |
|--|---|--|-----------------|--|---|-------|---|
| Course: Securities Law and IPR | | | | Course Code: | | | |
| Teaching Scheme | | Evaluation Scheme | | | | | |
| Lectur (Hours p week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment ((Marks - 2 | ous t (CA) 25) Semest Examinati (Marl in Questi | | er End ions (SEE) ks- 75 on Paper) |
| 3 | | | 3 | 25 | | 7 | 5 |
| Learning | Objectives: | | | | | | |
| • Aw | vareness about Securit | ties Laws | , SEBI and IPR | | | | |
| After com CO1: Int CO2: Er CO3: Ap In Outline o | After completion of the course, learners would be able to: CO1: Interpret and apply Securities Contract Regulation Act and SEBI Act CO2: Enumerate the role of Regulatory Bodies CO3: Apply the law governing the Intellectual Property Rights and describe brief idea on Registration & Infringement- its implications. Outline of Syllabus: (per session plan) | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Securities Contract Regulation Act, 1956 | | | | | | 08 |
| 2 | 2 SEBI Act, 1992 | | | | | | 10 |
| 3 Depositories Act, 1996 | | | | | | 05 | |
| 4 | Intellectual Property Rights. | | | | | | 10 |
| 5 | Patent, Trademark and Copyright, Designs & GI | | | | | 12 | |
| | Total | | | | | | 45 |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Securities Contract Regulation Act, 1956 | 8 |
| | • Introduction, Early Securities Markets, Evolution etc. | |
| | • Key elements in Markets Regulatory Framework. | |
| | • SCRA in Brief. | |
| | Securities Appellate-Tribunal (SAT) | |
| Module 2 | SEBI Act, 1992 | 10 |
| | • Introduction, Composition etc. | |
| | • Powers and Functions of the Board. | |
| Module 3 | Depositories Act, 1996 | 05 |
| | • Introduction, Definitions etc. | |
| | Demat Process, Benefits of Demat etc. | |
| Module 4 | Intellectual Property Rights | 10 |
| | • Meaning, Relevance, Business Impact, Protection of Intellectual Property. | |
| | Basic concepts - Copyrights, Trademarks, Patents, Designs, Utility Models, Trade Secrets and Geographical Indications, Bio-diversity and IPR Competing Rationales for Protection of Intellectual Property Rights | |
| Module 5 | Patent, Trademark, Copyright, Designs & GI | 12 |
| | Patent, Product / Process Patents & Terminology Trademark, The rationale of protection of trademark as (a- an aspect of commercial) and (b of consumer rights) Definition and concept of Trademarks, Different kinds of marks (brand names, logos, signatures, symbols, well known marks, certification marks and service marks Nature of Copyright, Works in which Copyrights subsist - Author & Ownership of Copyright Designs Geographic Indicators | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- N.S. Gopalakrishnan & T.G. Ajitha, Principles of Intellectual Property, Eastern Book Company
- Chandratre, Acharya, Israni, Sethuraman, Compendium on SEBI, Capital Issues and Listing

Supplementary Readings

- Jayashree Watal, Intellectual Property Rights in the WTO and Developing Countries, Oxford UniversityPress
- Lionel Bently & Brad Sherman, Intellectual Property Law, Oxford University Press
- SEBI Website, Intellectual Property website of India

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

Details of Continuous Assessment (CA)

25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|------------------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | , , | Fotal Marks | 75 |

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Approved by Vice – Principal

| Program: | B.Com. (Accounting | g and Fina | ince) (2023-24) | | Semeste | r: IV | |
|---|--|--|--|---|--|--------------|---|
| Course: In | Course: Indian Economy Course Code: | | | | | | |
| | Teaching Sc | heme | | Evaluation Scheme | | | |
| Lecture (Hours pe week) | e Practical er (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment (Marks - 2 | Continuous Assessment (CA) (Marks - 25) Seme Examina (Ma in Que | | ester End ations (SEE) arks- 75 stion Paper) |
| 3 | | | 3 | 25 | | | 75 |
| Learning | Objectives: | | | | | | |
| Dra Dev Indi Dev | w clarity regarding v relop a perspective or a in different sectors relop an understandin | arious asp n the diffe ng of mon | bects of Indian H brent problems a ey market and b | Economy nd approaches to panking sector | economic | planning and | l development in |
| After com CO1: Ide CO2: De Tra CO3: Ent aff CO4: De | After completion of the course, learners would be able to: CO1: Identify the various aspects of India's economy CO2: Describe sectoral trends and issues in Agriculture, Industry and Services, Financial Sector, Foreign Trade and Balance of Payments and Public Finance CO3: Enumerate the role of the Indian Economy in the global context and analyse different factors have affecting this process. CO4: Describe money market and its features and explain the role of RBI and SEBI as regulatory bodies. | | | | | | |
| | i Synabus. (per sess | | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Indian Economy – Introduction10 | | | | | 10 | |
| 2 | 2 Sectoral Trends and Issues 13 | | | | | | |
| 3 | Service Sector and External Sector 12 | | | | 12 | | |
| 4 | 4 Money Market and Banking 10 | | | | | | 10 |
| | Total | | | | | | 45 |

| Unit | Торіс | No. of Hours/Credits |
|----------|--|-------------------------|
| Module 1 | Indian Economy – Introduction | 10 |
| | Changes in policy perspectives on the role of institutional framework after 1991. Features of Indian Economy, Methods of measuring & Trends in National Income in India and sectoral composition of India's GDP, Green GDP. Economic & sustainable development in India: concepts & measurement; Human Development Index, Happiness Index, Multi-Dimensional Poverty Index. | |
| Module 2 | Sectoral Trends and Issues | 13 |
| | Indian Agriculture: Role and importance, production & productivity, Pre reform (Till 1991) and post reform period (1992 onwards). Agriculture Inputs & green revolution; Agriculture price policy, Insurance & Finance; Food security & Agriculture marketing Agri- tech business, Zero Budget Natural Farming Industrial Development & policies: pre reform till 1991, post reform from 1992, National Manufacturing Policy 2011, Make in India, New Industrial Initiatives, MSMEs. | |
| Module 3 | Service Sector and External Sector | 12 |
| | Service Sector in India: characteristics, growth & sustainability. · Foreign Trade: Policies and Trends; Balance of Payments, Foreign Exchange System and FDI · WTO, ASEAN, SAARC, G20 | |
| Module 4 | Money Market and Banking | 10 |
| | Indian Monetary System: Banking, RBI (functions & monetary policy instruments), money market & Capital market · Inflation in India: measurement and measures to control inflation · Indian Tax System: Direct & Indirect, Elasticity, Buoyancy, Tax Evasion. · Public expenditure, Debt management & Fiscal Policy · Current issues: Demonetization, NPA problem, Twin Balance Sheet Problem; Insolvency and bankruptcy code, Digital Rupee. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Ahuja. H.L., Modern Economics S.Chand Company Ltd. New Delhi.
- Dwivedi, D.N. (2001), Macro Economics: Theory and Policy, Tata-Mac Graw Hill, New Delhi.
- Ackley.G (1976), Macro Economic Theory and Policy, Macmillan Publishing Co. New York
- Blanchard Olivier (2000), Macro Economics, Englewood Elitt, Prentice Hall

Supplementary Readings

- Bouman John, Principles of Macro Economics
- Dornbush, Rudiger, Fisher Stanley and Startz, Richards Macroeconomics, Nineth edition 2004 TataMac Graw Hill, New Delhi.
- Friedman Hilton (1953) Essays in Positive Economics, University of Chicago Press, London.
- Gregory. N. Mankiw, Macroeconomics, Fifth Edition (2002) New York: Worth Publishers
- Jhingan, M.L., Principles of Economics Vrinda Publications (P) Ltd.
- Shapiro, E (1996), Macro-Economic Analysis, Galgotia Publication, New Delhi.
- Vaish .M.C. (2010) Macro Economic Theory 14th edition, Vikas Publishing House(P)Ltd
- Ahuja H.L. : Modern Economics, 19th edition, 2015, S.Chand&co Pvt Ltd, New Delhi
- Bhatia H.L.: Public Finance. Vikas Publishing House Pvt. Ltd.
- David N. Hyman : Public Finance A Contemporary Application of theory of policy, Krishna Offset, Delhi
- Hoiughton E.W.(1998) : Public Finance, Penguin, Baltimore
- Hajela T.N: Public Finance Ane Books Pvt.Ltd
- Jha, R (1998) : Modern Public Economics, Route Ledge, London
- Musgrave, R.A and P.B. Musgrave (1976) : Public Finance in Theory and Practice, Tata McGraw Hill, Kogakusha, Tokyo
- Mithani, D.M (1998) : Modern Public Finance, Himalaya Publishing House, Mumbai

Evaluation Pattern

The performance of the learner will be evaluated in two components. The first component will be a Continuous Assessment with a weightage of 25% of total marks per course. The second component will be a Semester end Examination with a weightage of 75% of the total marks per course. The allocation of marks for the Continuous Assessment and Semester end Examinations is as shown below:

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25% of the total marks per course:

| Continuous Assessment | Details | Marks |
|-----------------------|-------------------------|----------|
| Component 1 (CA-1) | Assignment/Presentation | 15 marks |
| Component 2 (CA-2) | Test | 10 marks |

Details of Semester End Examination

75% of the total marks per course. Duration of examination will be two and half hours.

| Question Number | Description | Marks | Total Marks |
|--------------------|--|-------|-------------|
| 1 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 2 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 3 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 4 | Answer in Brief (Any 2 out of 3) | 16 | 16 |
| 5 | A) Case Study/Application Based question(05)B) Short Notes (Any 2 out of 3)(06) | 11 | 11 |
| | 75 | | |

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Approved by Vice – Principal

| Program: B.Com. (Accounting and Finance) (2023-24) | | | | Semester: IV | | | |
|---|---|--|--------------|--|-------------------|----------------------------------|---|
| Course: Research Methodology | | | Course Code: | | | | |
| Teaching Scheme | | Evaluation Scheme | | | | | |
| Lecture (Hours pe week) | r (Hours per week) | Tutori al (Hours per week) | Credit | Continuo Assessment ((Marks - 2 | us (CA) 25) | Seme Examina (Ma in Que | ester End ations (SEE) arks- 75 stion Paper) |
| 3 | | | 3 | 25 | | | 75 |
| Learning Objectives: To understand some basic concepts of research and its methodologies To identify appropriate research topics, select and define appropriate research problem To Become knowledgeable of the research process and its different approaches. To Develop critical thinking to find business opportunities and to solve questions related to service industries. To develop analytical skills for data processing and its interpretation To learn about report writing. | | | | | | | |
| After completion of the course, learners would be able to: CO1: Assess critically various methods: literature study, case study, structured surveys, interviews etc. CO2: Apply a range of quantitative and / or qualitative research techniques to business and management problems / issues CO3: Apply research approaches, techniques and strategies in the appropriate manner for managerial decision making CO4: Develop necessary critical thinking skills in order to evaluate different research approaches utilized in the service industries CO5: Prepare report after research data processing and interpretation | | | | | | | |
| Outline of Syllabus: (ner session plan) | | | | | | | |
| | | 1 / | | | | | |
| Module | Description | | | | | | No of Hours |
| 1 | Introduction to Resea | arch | | | | | 10 |
| 2 | Research Design in Accounting and Finance | | | | 10 | | |
| 3 | Data Collection and Processing | | | 15 | | | |
| 4 | Interpretation and Re | eport Wri | ting | | | | 10 |
| | Total | | | | | | 45 |

| Unit | Торіс | No. of Hours/Credits |
|----------|---|-------------------------|
| Module 1 | Introduction to Research | 10 |
| | Introduction and meaning of research, Objectives of research, Features and Importance of research in Accounting and Finance, Objectives and Types of research - Basic, Applied, Descriptive, Analytical and Empirical Research. Definition and construct of variables Qualitative v/s quantitative study Formulation of research problem: Meaning and Selection, Review of Literature | |
| Module 2 | Research Design in Accounting and Finance | 10 |
| | Meaning and Introduction, Need, and good research design. Hypothesis: Formulation, Sources, Importance and Types Different Research designs, Hypothesis Testing | |
| Module 3 | Data Collection and Processing | 15 |
| | Data Collection: Introduction and meaning, types of data Primary data: Observation, Experimentation, Interview, Schedules, Survey, Questionnaires, Limitations of Primary data. Secondary data: Sources and Limitations Factors affecting the choice of method of data collection. Sampling: Significance, Methods, Factorsdetermining sample size Data Presentation: Significance in Research, Stages in Data Processing- Editing, Coding, Classification, Tabulation, Graphic Presentation Statistical Analysis: Tools and Techniques, Measures of Central Tendency, Measures of Dispersion, Correlation Analysis and Regression Analysis. Use of computer and internet in data collection and processing, innovative methods of conducting research | |
| Module 4 | Interpretation and Report Writing | 10 |
| | • Meaning and techniques of interpretation, Research Report Writing: Importance, Essentials, Structure/ layout, Types. | |

To develop scientific temper and interest by exposure through industrial visits and study/educational tours is recommended in each semester

Essential Readings

- Business Research Methods, S. N. Murthy, U. Bhojanna
- Research Methods in Accounting, Malcolm Smith
- Research Methods and Methodology in Finance and Accounting, by Viv Beattie and Bob Ryan
- Marketing Research by Rajendra Nargundkar
- Research Methodology by C R Kothari
- Research Methodology Concept and Cases by Deepak Chawla and Neena Sondi

Supplementary Readings

- Research Methodology in Social Sciences, O R Krishnaswamy, Himalaya Publication
- Business Research Methods, Donald R Cooper, Pamela Schindler, Tata McGraw Hill
- Marketing Research and applied orientation, Naresh K Malhotra, Pearson
- Statistics for Management, Levin and Reuben, Prentice Hall
- Research papers in various journals.

Prepared by

CA Neeta Vaidya

Signature (Principal) Dr. Parag Ajagaonkar

Approved by

Signatures

CA Neeta Vaidya Chairperson

Subject Expert

Dr Jayesh Manjrekar

Dr CMA Jyoti Bhatia VC Nominee

CA Jignesh N. Mehta Industry Expert

Mr Shalin Bhansali Alumnus

CA Praveen Pawar B.Com(Hon) Programme Incharge Mrs. Shivani Pandya

Dr Sachin Mathur

Subject Expert

Faculty

Faculty

Mr. Shezad Lalani

Mr. Vishalkumar Rajak Faculty

Ms. Iqra Khatri (Special Invitee)

Mrs. Ruta Prabhu (Special Invitee)

CA Amisha Shah

Faculty

Dr. Vijay Satra (Special Invitee)