

# **St. Joseph's College of Commerce**

*(Autonomous)*

*163, Brigade Road, Bengaluru – 560 025*

*Accredited with 'A++' Grade (4<sup>th</sup> Cycle) by the National Assessment and Accreditation Council (NAAC)*

*Recognized by the UGC as  
"COLLEGE WITH POTENTIAL FOR EXCELLENCE"*



## **Bachelor of Commerce**

**(Professional – International Accounting and Finance)**

**Semester I & II**

*Syllabus as per Karnataka State Education Policy 2024*

*Framework w.e.f., 2024-2025*

**Academic Year 2024 – 2025**

*Batch 2024*

## **Outcome Based Education (OBE)**

### **B. Com (Professional – International Accounting and Finance)**

#### **Program Educational Objectives (PEOs)**

*Our B. Com (Professional – International Accounting and Finance) program will produce graduates who will:*

**PEO1:** *Be competent, creative and highly valued professionals in industry, academia, or government.*

**PEO2:** *Adapt to a rapidly changing environment with newly learnt and applied skills and competencies, become socially responsible and value driven citizens, committed to sustainable development.*

**PEO3:** *Act with conscience of global, ethical, societal, ecological and commercial awareness with sustainable values as is expected of professionals contributing to the country.*

**PEO4:** *Able to continue their professional development by obtaining advanced degrees in accounting and other professional fields.*

#### **Programme Outcomes (POs)**

*After the completion of the B. Com (Professional – International Accounting and Finance) Programme, the student will be able to:*

*PO1: Disciplinary and Inter - disciplinary Knowledge*

**Demonstrate** *the understanding of relevant business, management and organization knowledge, both academic and professional, in line with industry standards.*

*PO2: Decision Making Skill*

**Apply** *underlying concepts, principles, and techniques of analysis, both within and outside the discipline to generate all the possible solutions and picks one that shows their understanding of the problem and the outcomes.*

*PO3: Integrated Problem-solving and Research*

**Analyze** *how parts of a whole interact with each other to produce overall outcomes in complex systems by analyzing key managerial issues in a particular industry or company and propose appropriate managerial solutions to the situation.*

*PO4: Critical Thinking Skill*

**Evaluate** *evidence, arguments, claims and beliefs by using right type of reasoning as appropriate to the situation and analyze how parts of a whole interact with each other to produce overall outcomes in complex systems.*

*P05: Creative Thinking Skill*

**Develop**, implement and communicate new and worthwhile ideas using both incremental and radical concepts to make a real and useful contribution to their work.

*P06: Usage of Modern Technology and Tools*

**Use** tools and technologies of digital nature, communication/networking tools and social networks appropriately to access, manage, integrate, evaluate and create information to successfully function in a knowledge economy.

*P07: Leadership and Team Work*

**Develop** a vision, translate that vision into shared goals, and effectively work with others to achieve these goals.

*P08: Ethical Conduct and Sustainability Practices*

**Act** responsibly and sustainably at local, national, and global levels.

*P09: Collaboration and Networking Skill*

**Work** collaboratively and respectfully as members and leaders of diverse teams.

*P010: Self-directed and Life – long Learning*

**Create** goals and monitor progress toward them by developing an awareness of the personal, environmental and task-specific factors that affect attainment of the goals.

**Programme Specific Outcomes (PSOs)**

**B. Com (Professional – International Accounting and Finance)**

**P011: Emerging Trend of International Accounting practices**

*Apply specialized knowledge and professional skills in international accounting and finance, auditing techniques and their applicability in all fields of business.*

*P012: Financial Analytics for Corporate Financial Planning*

*Apply high ethical standards, integrity, expertise and efficiency in executing key financial plans and policies and explore potential outcomes.*

## B. Com (Professional – International Accounting and Finance)

### Course Structure

#### Semester I

Course Code	Title of the Course	Category	Lecture Hours per week	Credits
C4 24 MC 101	Cost Accounting I	Major Core	4	4
C4 24 MC 102	Business and Technology	Major Core	4	4
C4 24 MC 103	Financial Accounting	Major Core	4	4
C4 24 MC 104	Business Mathematics and Statistics	Major Core	4	4
C4 24 GE 101	Language 1	Language	3	3
	Language 2	Language	3	3
C4 24 KN 101	Kannada			
C4 24 HN 101	Hindi			
C4 24 AE 101	Additional English			
UG 24 FC 101	Psychological wellbeing	Compulsory course	2	2
<b>Total credits</b>				<b>24</b>

## SEMESTER I

### C4 24 MC 101: COST ACCOUNTING I

#### COURSE OBJECTIVE

The aim of the course is to understand the principles of cost and management accounting for application to the management functions of planning, decision-making and control. To apply the cost accounting methods & techniques to various business contexts.

#### **Module 1: The Nature, Source and Purpose of Management Information** **8 Hrs.**

Purpose and role of cost and management accounting – difference between financial accounting and management accounting – managerial process of planning, decision- making and control – difference between data and information – attributes of good information – limitations of management information in aiding decision making.

Data sources (machine/sensor, transactional and human/social) – internal and external sources of data – uses and limitations of published information/data.

Cost classifications – production and non-production costs – elements of production and non-production costs – valuation of output and inventories – analysis of product/service costs by function – direct and indirect costs – fixed and variable costs, stepped fixed costs and semi variable costs – use of codes in categorising transactions – cost behaviour and graphs – cost objects, cost units and cost centres - responsibility centres (cost, profit, investment and revenue centres).

Presenting management information – written reports – tables, charts and graphs – interpreting management information.

#### **Module 2: Accounting for Material and Labour** **14 Hrs.**

Accounting for materials – ordering, receiving and issuing materials – monitoring physical and book inventory levels – material inventory account – costs of ordering and holding inventory – optimum reorder level and reorder quantity – Economic Order Quantity (EOQ) – valuation of inventory using FIFO and Average methods.

Accounting for labour – direct and indirect labour – journal and ledger entries to record labour cost – labour account – Different remuneration methods- Time-related systems, Output related systems - Straight piecework systems, Differential piecework systems, Incentive schemes, Measured day work and Share of production.- labour turnover and causes – labour efficiency, capacity and production volume ratios.

#### **Module 3: Accounting for Overheads** **10 Hrs.**

Accounting for overheads – direct and indirect expenses – overhead absorption rates and appropriate bases – allocation and apportionment of production overheads – reapportionment of service cost centres – journal and ledger entries for manufacturing overheads – under/over absorption of overheads.

#### **Module 4: Cost Accounting methods - Part 1** **6 Hrs.**

Cost accounting methods – Job and Batch costing – Process costing – Normal and Abnormal losses/gains – Equivalent units and cost under weighted average and FIFO methods – Accounting for common costs – joint products and by-product valuation – process accounts – service/operation costing.

(CONCEPTS ONLY)

## **Module 5: Cost Accounting methods - Part 2**

**6 Hrs.**

Absorption and Marginal costing – advantages and disadvantages – effect on inventory valuation – reconciliation of profits or losses between absorption and marginal costing. Applications of Marginal Costing - Make or Buy Decision, Key factor / limiting factor, Accepting or Rejecting the Export Offer, Pricing decisions, Selecting the Suitable Product Mix, introduction of new product, operate or shut down decisions

Difference between traditional costing techniques and alternate cost accounting principles (no calculations) – Activity-Based Costing (ABC) – Target costing – Life Cycle costing – Total Quality Management (TQM). (Concepts Only)

## **Module 6: Budgeting**

**16 Hrs.**

Nature and purpose of budgeting – planning and control cycle in an organization – budgeting process and stages in budgeting. Budget preparation – importance of principal budget factor – sales budgets – functional budgets (production, raw material usage, purchases, labour, variable and fixed overheads) – cash budgets – master budget – ‘what if’ analysis – scenario planning – fixed and flexible budgets.

Budgetary control and reporting–variance between flexed budget, fixed budget and actual results – eliminating variances – responsibility accounting – controllable and uncontrollable costs – preparation of control reports.

Behavioural aspect of budgeting – motivation and performance management – managerial incentive schemes – participative approach to budgeting – top down and bottom up approach to budgeting.

### **Skill Development**

*(These activities are only indicative; the Faculty member can innovate)*

1. Collect the required data from any manufacturing organization of your choice. From the data collected, prepare the management reports - present information using tables, charts, and graphs (bar charts, line graphs, pie charts, and scatter graphs).
2. Analyse and compare the methods of remunerating labour under time based systems, piecework systems and individual and group incentive schemes
3. Visit any manufacturing organization and make a list of these expenses during a particular period. Classify the expenses as controllable and non-controllable cost.
4. Prepare Sales budget, Production budget, Raw material usage budget, Raw material purchase budget, Labour budget, Overheads budget, Capital expenditure budget and Master budget with imaginary figures.
5. Prepare Income Statement under Marginal Costing and Absorption Costing with imaginary figures and reconcile the two profits.

### **COURSE OUTCOMES**

After completion of the course, the students will be able to:

1. Understand the principles of cost and management accounting and to apply the concepts to management functions and planning. Use management reports to analyse performance of divisions within the organizations.

2. Understand the accounting of Material and Labour, Overhead analysis
3. Understand the accounting for Overhead and Appropriation of overheads.
4. Understand the various costing techniques such as Job, Batch costing, ABC Costing, Target costing etc.
5. Understand the difference between absorption and marginal costing to reconcile the profits under both the methods.
6. Understand the budgeting process and preparation of budgets.

#### **Books for Reference**

- ❖ *ACCA study material of Kaplan and BPP*
- ❖ *Colin Drury: Management and Cost Accounting.*

### **SEMESTER - I**

#### **C4 24 MC 102: BUSINESS AND TECHNOLOGY**

## **COURSE OBJECTIVE**

The aim of this paper is to provide a basic knowledge of business organization, how they are managed and controlled. The course provides an overview of the factors affecting the organisation and explains the best practices guidelines and codes of good corporate governance. The course helps to understand the accounting and reporting system, technology and security, team management and the professional ethics in accounting and business.

### **Module 1: The Business Organisation, its Stakeholders, and the External Environment 10 Hrs**

Introduction to Business Organisation- Stakeholders in business organisations -Political and Legal factors affecting business -Macroeconomic factors - Micro economic factors -Social and demographic factors -Technological factors - Environmental factors -Competitive factors

### **Module 2: Business Organisational Structure, Functions and Governance 8 Hrs.**

Introduction to Business Organisational Structure- Organisational culture in business - Committees in business organisations - Governance and Social responsibility in business

### **Module 3: Accounting and Reporting Systems, Compliance, Control, Technology and Security 14 Hrs.**

Relationship between accounting and other business functions -Accounting and Finance functions within Business Organisations - Principles of Law and Regulation governing accounting and auditing -The sources and purpose of internal and external financial information, provided by business - Financial systems, Procedures and related IT applications -Internal controls, authorisation, security of data and compliance within business - Fraud and Fraudulent behaviour and their prevention in business, including money laundering.

### **Module 4: Leading and Managing Individuals and Teams; Personal Effectiveness and Communication 10Hrs.**

Leadership, Management and Supervision -Recruitment and Selection of employees - Individual and Group behaviour in business organisations -Team formation, development and management - Motivating individuals and groups -Learning and Training at work - Review and Appraisal of individual performance

### **Module 5: Personal Effectiveness and Communication 4 Hrs.**

Personal effectiveness techniques- Consequences of ineffectiveness at work -Competence frameworks and Personal development -Sources of conflicts and techniques for conflict resolution and referral. Communication in business organisations.



## **Module 6: Professional Ethics in Accounting and Business**

**14 Hrs.**

Fundamental principles of ethical behaviour - Role of regulatory and professional bodies in promoting ethical and professional standards in the accountancy profession

### **Self-learning/Online content topics**

- Module 1 - Purpose and types of business organisation (as per Study Text Chapter 1)
- Module 2 - Formal and informal business organisation- Business organisational structure and design (as per Study Text - Chapter 2)
- Module 3 - Application and impact of Financial Technology (FinTech) in accountancy and audit (as per Study Text - Chapter 4)
- Module 5 - Communicating in business. (as per Study Text - Chapter 24)
- Module 6 - Corporate codes of ethics- Ethical conflicts and dilemmas.(as per Study Text - Chapter 10)

### **Skill Development**

1. Examine the role of marketing function and the relationship of the marketing plan to the strategic plans in an organisation.
2. Analyse the application of big data and data analytics to improve the effectiveness of accountancy and audit.
3. Evaluate the importance of internal financial controls in an organisation and the control mechanisms followed by the business for assessing risk.
4. Illustrate the factors affecting ethical practices in Business and social responsibilities of management towards all the stakeholders.
5. Present appropriate effectiveness technique in line with competence framework and personal development.

### **COURSE OUTCOMES**

On completion of the course, the students should be able to:

1. Identify the internal and external environmental factors that affects Business organizational structure, functions and governance.
2. Examine the implications of the organization structure, culture, governance and corporate social responsibility practices on meeting the aspirations of all the stakeholders.
3. Design a system that integrates accounting and reporting for effective communication of financial information towards financial control and compliance.

4. Evaluate the principles of authority and leadership and how teams and individuals are recruited, managed, motivated and developed
5. Analyse the importance of personal effectiveness as the basis for effective team and organisational behaviour.
6. Illustrate the implications of unethical and ethical practices in accounting profession and business.

#### **Recommended references**

- ❖ *ACCA Study Material by Kaplan and BPP*
- ❖ *Vasishth, Neeru, "Business Organization", Taxmann.*
- ❖ *Taloo, Thelman J., "Business Organizational and Management", TMH.*
- ❖ *Tulsian, P.C., Business Organisation, Pearson Education.*

## SEMESTER - I

### C4 24 MC 103: FINANCIAL ACCOUNTING

#### COURSE OBJECTIVE

The course aims to equip the students with the conceptual knowledge and skills required to prepare and evaluate financial statements of different business organisations.

#### **Module 1: Introduction to Financial Reporting and Regulatory Framework 5 Hrs.**

Financial reporting – Meaning - Types of business entities - Users of the financial statements and their needs - Purpose of the financial statements - Components of financial statements - Elements of financial statements - Qualitative characteristics – Relevance, Faithful representation, Comparability, Verifiability, Timeliness, Understandability

Role of Financial Reporting Regulatory Systems - Role of IFRS standards - Corporate Governance - Meaning, Role - Duties and Responsibilities of Company Directors.

#### **Module 2: Double Entry Bookkeeping, Recording of Transactions, and Ledger Preparation 15 Hrs.**

Forms of business transactions and Source documents - Main forms of accounting records - Concepts of duality, double entry & accounting equation - Journals and the posting of journals into ledger accounts - Balance and close a ledger account- Record sales, purchases, returns, discounts, and sales tax

Inventory valuation in accordance with standards - Methods to ascertain the cost of inventory.

#### **Module 3: Recording Transactions - Other Adjustments Part I 8 Hrs.**

Non-current assets - Capital and revenue expenditure - Purpose of an asset register - Entries to record the acquisition of non-current assets and Accounting treatment of depreciation charges - Disposal of non-current assets, record the profit and loss on disposal, record the revaluation of non-current assets, and record the profit and loss on disposal of the revalued asset.

Tangible Vs Intangible non-current assets - Define and Explain the treatment of research cost and development cost - Amortization of Intangible assets.

#### **Module 4: Recording Transactions - Other Adjustments Part II 7 Hrs.**

Accounting treatment for accruals and prepayments – Adjustments- Receivables - Purpose of aged receivables - Irrecoverable debt and allowance for receivables adjustments in the ledger accounts

Capital structure of limited liability company- Movements in share capital and Share premium - Treatment of bonus issue, rights issue, dividends and income tax.

### **Module 5: Preparation of Basic Financial Statements**

**15 Hrs.**

Purpose of trial balance - Types of errors - Purpose of a suspense account - prepare journal entries to correct errors - impact of errors in the financial statements.

Prepare Financial Statement - Report reserves in financial statements- Disclosures required for financial statements - Events after the reporting period, Payables, Provisions, Contingent liabilities, and Assets and their accounting treatment.

Difference between Profits and Cash flows - Calculation of Cash flows under Operating activities, Investing Activities and Financing activities - Preparation of Statement of Cash flows.

### **Module 6: Interpretation of Financial Statements**

**10 Hrs.**

Purpose of Interpretation and Analysis of Financial Statements - Calculation and interpretation of Profitability ratios, Liquidity ratios, Efficiency ratios and Position ratios.

### **Skill Development**

*(These activities are only indicative; the Faculty member can innovate)*

1. Prepare financial statements for an imaginary company using Tally.
2. Analyse a company's published annual report which includes accounting policies and present a summary on performance and financial position.
3. Analyse a published financial statement of a company using various Ratios and interpret the results.
4. Compare the published income statement of a company of your choice before and after covid pandemic.
5. Analyse the accounting treatment for various assets and liabilities in a published financial statements under IFRS and prepare a report.

### **COURSE OUTCOMES**

After completion of the course, the students will be able to:

1. Illustrate the role of Financial Accountant in reporting results of operations and financial position under the framework of Ind AS and IFRS.
2. Understand the accounting processes related to preparation of journal, ledger, cash transactions, sales tax.
3. Design accounting and reporting for Tangible Assets and Intangible assets
4. Design accounting and reporting prepayments and accruals, capital structure under the framework of Ind AS and IFRS.

5. Construct the Financial Statements of Companies (IFRS Format) and show the treatment for the special items.
6. Analyse the profitability, performance and position of the single entity.

### **Books for Reference**

- ❖ *ACCA study material of Kaplan and BPP*
- ❖ *Robert N Anthony, David F Hawkins and Kenneth A Merchant: Accounting*
- ❖ *Text and Cases: The McGraw-Hill Companies- Special Indian Edition*
- ❖ *Grewal & Gupta: Advanced Accounting, S Chand & Co., New Delhi.*
- ❖ *Jain & Narang: Financial Accounting, Kalyani, Delhi.*
- ❖ *Radhaswamy & R L Gupta: Advanced Accounting, S Chand & Co., New Delhi.*
- ❖ *S. Kr. Paul: Advanced Accounting, New Central Book Agency, Calcutta.*

## **SEMESTER I**

## C4 24 MC 104: BUSINESS MATHEMATICS AND STATISTICS

### COURSE OBJECTIVE:

The course aims to enable students to adept at simple mathematical concepts for business and basic statistical concepts relating to research process.

#### **Module 1: Basic Mathematical Concepts**

**10 Hours**

Theory of equations -Linear, Quadratic, and system of Simultaneous linear equations - Application of concept of equations to business and commerce. Ratios and Proportions – Basic laws of ratios, proportions – continued, direct, inverse, compound, and mixed proportions – applications. Percentage – profit & loss, and discount -Applications in business and commerce.

#### **Module 2: Interest & Annuities**

**12 Hours**

Concept of Time value of money – Simple Interest & Compound Interest PV and FV of single principal amount, PV & FV of uneven series of interest rates (single principal amount), doubling period (Rule of 72 & Rule of 69), effective & nominal rates of interest and depreciation. Annuity – Annuity Immediate & Annuity Due - FV of Annuity – Applications, PV of Annuity – Applications, Deferred Annuity, loan amortization table, PV of perpetuity, and Intra-year compounding and discounting.

#### **Module 3: Introduction to Statistics**

**8 Hours**

Definition of Statistics, Characteristic of Statistics, Scope and Limitations of Statistics. Classification and Tabulation of Data. Diagrammatic and Graphical representation of data using Excel.

#### **Module 4: Measures of Central Tendency and Dispersion**

**12 Hours**

Central Tendency -Arithmetic Mean, Combined Mean, Weighted Mean, Median and Mode (Direct method only). Dispersion Range, Quartile Deviation, Mean Deviation, Standard Deviation (Direct method only) and their Coefficients - Applications.

#### **Module 5: Correlation and Regression**

**12 Hours**

Correlation: definition, scatter diagram, Karl Pearson's Coefficient of Correlation (Direct method only) and Spearman's Correlation Coefficient. Regression: Concept, simple linear regression analysis (Direct method only) - Applications.

#### **Module 6: Time series**

**6 Hours**

Introduction to time series, Components of time series, Trend analysis by Moving Averages and Least Square Methods – Applications.

#### **Skill Development (These activities are only indicative; the faculty member can innovate)**

- Preparation of Loan Amortization Table – EMI Calculation on Excel

- Preparation of Future value of Annuity Table on Excel.
- Correlation and Regression Analysis on Excel.
- Diagrammatic and Graphical representation of data using Excel.
- Trend Analysis of Stock Market data on Excel.

## **COURSE OUTCOMES**

After completion of the course, the students will be able to

1. Apply the concept of Interest and Annuity for computing the present and future value of single and series of cash outflows and inflows.
2. Illustrate the significance of statistics in analysing business problems.
3. Use the concept of measures of central tendency and dispersion for decision making.
4. Apply the concept of Correlation and Regression to analyse the data.
5. Analyse the time series data using moving averages and least square methods.

## **Books for Reference**

- Akhilesh K. B. and Balasubrahmanyam S, Mathematics and statistics for Management, 1st Edition, Delhi, Vikas Publishing.
- Gupta S.P., Statistical Methods, New Delhi, Sultan Chand & Sons.
- Soni R.S., Business Mathematics, 1st Edition, Delhi, Ane Books Pvt. Ltd.
- Prasanna Chandra - Financial Management.
- J K Sharma - Business Statistics.
- Dorai Raj: Business Mathematics, United publishers.

## UG 24 FC 101:PSYCHOLOGICAL WELL-BEING

### COURSE OBJECTIVE

*This course aims to nurture self-awareness and meaningful relationship skills and to help in the development of emotional quotient and inter-personal skills.*

#### **Module 1 – Introduction**

**3 Hrs.**

*Meaning of counseling – Myths and Facts related to counseling – Breaking stigmas related to seeking counselling – Normalizing seeking help – Self-reflection through concentric circles*

#### **Module 2 – Intra-personal and Inter-personal Awareness**

**10 Hrs.**

*Meaning of self-esteem – Factors that influence self-esteem – Importance of self-esteem – Effects of low self-esteem – Qualities seen in people with high vs. low self-esteem – How to improve self-esteem – Self-awareness activity*

*Meaning of peer pressure – Different kinds of peer pressure – Resisting peer pressure – Confronting peer pressure – Group sharing activity*

*Meaning of relationships – Types of relationships – Healthy relationship dynamics – Personal Rights in a relationship – Components of a healthy relationship – Types of abuse in a relationship – Intimacy and understanding our needs – Boundaries*

#### **Module 3 – Understanding Emotions** **Hrs.**

**4**

*Meaning of emotions – Role of emotions in our lives – Beliefs regarding emotions – Harmful effects of suppressing emotions – Signs of emotional suppression – Handling emotions in a healthy manner – Self-assessment activity*

#### **Module 4 – Anger management**

**5 Hrs.**

*Meaning of anger – Physical and Emotional symptoms of anger – Different ways that people express anger – Expression and experience of anger – What makes us angry and what it means when we're angry – Dealing with anger – Guided visualization and art activity*

#### **Module 5 – Managing Anxiety/Fear**

**4 Hrs.**

*Meaning of fear – Types of fear – Physical and Emotional symptoms of fear – Different reactions to fear – Overcoming fear – Art work followed by group sharing activity*

#### **Module 6 – Dealing with Loss and Grief**

**4 Hrs.**



*Understanding loss and grief – Form of loss – Stages of grief – Dangers of not grieving  
– Dealing with grief – Ways to help others in grief*

## **COURSE OUTCOMES**

*After completion of the course, the students should be able to:*

- 1. Develop a better emotional quotient.*
- 2. Formulate a healthier sense of self through self-awareness.*
- 3. Build more meaningful relationships.*
- 4. Display an improvement in inter-personal skills.*
- 5. Modify thought and belief patterns.*

