



*St. Xavier's College (Autonomous)
Mumbai*

Affiliated to
UNIVERSITY OF MUMBAI

Program: B.Com. (Accounting and Finance)



Programme: Bachelor of Commerce (Accounting and Finance)

Programme Objectives (PO's) for Bachelor of Commerce (Accounting and Finance)

PROGRAMME OBJECTIVES

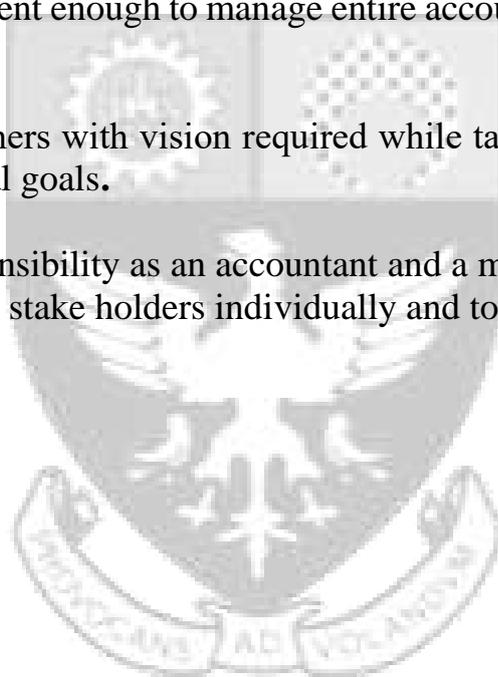
PO 1: To impart comprehensive theoretical and practical knowledge of accounting and finance to the learner to facilitate them to upskill to manage entire accounting system for different types of organization.

PO 2: To provide an integrated perspective of global accounting system along with exposure to Indian Accounting Standards in detail.

PO 3: To make learner confident enough to manage entire accounting at personal or corporate level single handed.

PO 4: To empower the learners with vision required while taking firm's financial decision so as to achieve organisational goals.

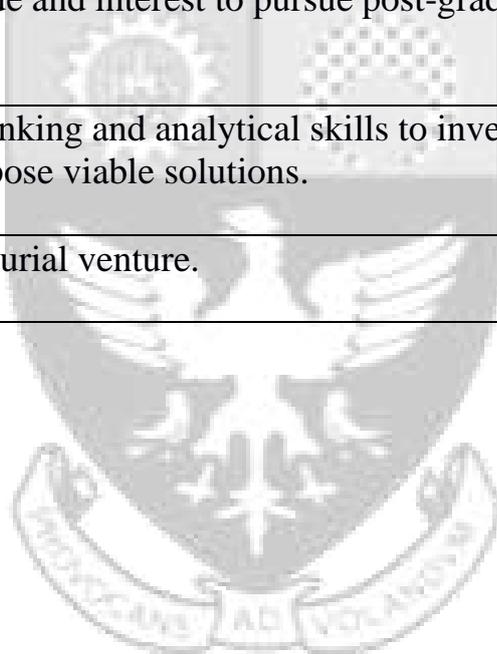
PO 5: To convey their responsibility as an accountant and a member of finance team of any organisation towards various stake holders individually and towards economy as a whole.





**Programme Specific Outcomes (PSOs) for
Bachelor of Commerce (Accounting and Finance)**

Sr. No.	On completing Bachelor of Commerce (Accounting and Finance) , the student will be able to:
PSO 1	Develop an in- depth knowledge, understanding and skills in the field of accounting and finance.
PSO 2	Develop fundamental skills required to manage accountancy and financial aspects of a business.
PSO 3	Acquire the aptitude and interest to pursue post-graduate studies and research in India and abroad.
PSO 5	Employ critical thinking and analytical skills to investigate complex business problems and propose viable solutions.
PSO 6	Start an entrepreneurial venture.





FY B. Com (BAF) Courses at Semester I and II

Subject Code	Semester I	Credit	No of lectures
CSPC0101	Special Course: Giving Voice to Values	3	3
CBAF0101	Financial Accounting I	3	4
CBAF0102	Business Environment	3	4
CBAF0103	Business Mathematics	3	4
CBAF0104	Microeconomics	3	4
CBAF0105	Business Communication	3	4
CBAF0106	Business Law	3	4
	Total	21	27
Subject Code	Semester II	Credit	No of lectures
CSPC0201	Special Course: Environmental Studies	3	3
CBAF0201	Financial Accounting II	3	4
CBAF0202	Business Planning and Entrepreneurial Management	3	4
CBAF0203	Business Statistics	3	4
CBAF0204	Financial Management I	3	4
CBAF0205	Application of Information Technology In Accounting & Finance	3	4
CBAF0206	Business, Economic and Social Legislations	3	4
	Total	21	27

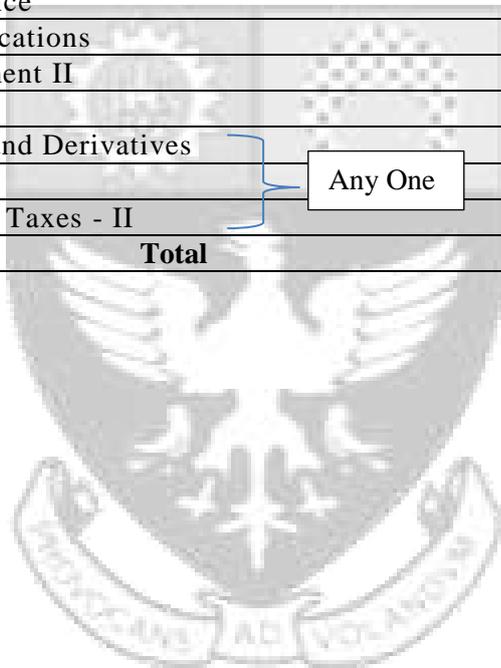
S. Y B. Com (BAF) Courses at Semester III and IV

Subject Code	Semester III	Credit	No of lectures
CSPC0301	Special Course: Human Rights	3	3
CBAF0301	Financial Accounting III	4	4
CBAF0302	Auditing	3	4
CBAF0303	Cost Accounting I	4	4
CBAF0304	Indirect Taxes [Goods and Services Tax- I]	4	4
CBAF0305	Macroeconomics	3	4
CBAF0306	Corporate Law	3	4
	Total	24	27
Subject Code	Semester IV	Credit	No of lectures
CSPC0401	Special Course: Science & Technology	3	3
CBAF0401	Financial Accounting IV	4	4
CBAF0402	Organisational Behaviour	3	4
CBAF0403	Cost Accounting II	4	4
CBAF0404	Direct Taxes [Income Tax –I]	4	4
CBAF0405	Management Accounting	3	4
CBAF0406	Research Methodology in Accounting and Finance	3	4
	Total	24	27



T. Y B. Com (BAF) Courses at Semester V and VI

Subject Code	Semester V	Credit	No of lectures
CBAF0501	Financial Accounting V	5	4
CBAF0502	Indian Economy	4	4
CBAF0503	Business Analytics	4	4
CBAF0504	Direct Taxes [Income Tax-II]	4	4
CBAF0505	Cost Accounting III	4	4
CBAF0506	Security Analysis and Portfolio Management	4	4
CBAF0507	Operation Research	4	4
CBAF0508	Financial Analysis and Business Valuation	4	4
CBAF0509	Project Work based on Internship	3	
	Total	28	24
Subject Code	Semester VI	Credit	No of lectures
CBAF0601	Financial Accounting VI	5	4
CBAF0602	Financial Accounting VII	5	4
CBAF0603	International Finance	4	4
CBAF0604	Management Applications	4	4
CBAF0605	Financial Management II	5	4
CBAF0606	Financial Securities and Derivatives	5	4
CBAF0607	Econometrics	5	4
CBAF0608	Taxation – Indirect Taxes - II	5	4
	Total	28	24





Course Outcomes (COs): Bachelor of Commerce (Accounting and Finance)

Semester I

Course Title: **Financial Accounting I**

Course Code: **CBAF0101**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with GAAP (Generally Accepted Accounting Principles) learning through few mandatory accounting standards in India for business and other entities.	1,2	R,Ap
CO 2	Develop an understanding as how to convert incomplete accounting record system to dynamic and scientific double- entry system.	1,2	R,E
CO 3	Understand the know-how, principles and practical tools in preparation of annual financial statements of small business entities for business decision making.	1,2	R,Ap
CO 4	Develop analytical understanding for accounting treatment upon the retirement/ death of partner, and valuation of goodwill under those circumstances.	1,5	R,Ap

Course Title: **Business Environment**

Course Code: **CBAF0102**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Define the concept of business, business environment and have a very good understanding of factors that shape business environment.	1,6	U
CO 2	Develop an understanding as to formalities involved in establishment of a business venture, selecting an appropriate form, means of external finances as well.	2,5	U, An
CO 3	Understand the contemporary issues in Business, and applicability its basis, factors, whether voluntary or mandatory.	3,5	U,E
CO 4	Understand finance-related matters when starting one's own venture.	6	U,E
CO 5	Understand the latest developments in international business environment and functions of various regulatory organisations at national and international level to encourage development of business organisations.	5	U, An

Course Title: **Business Mathematics**

Course Code: **CBAF0103**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand processing and interpretation of information to arrive at logical conclusions to common mathematics-based applications in business.	2	R, Ap
CO 2	Calculate interest, annuity, break-even and other important functions for the business.	5	An, Ap
CO 3	Understand the importance of objectivity in decisions in business processes and operations.	2,5	Ap, E
CO 4	Use the knowledge of the subject as a basis for other quantitative related courses.	5	R, Ap
CO 5	Excel in competitive examinations.	3	R, Ap



Course Title: **Microeconomics**
Course Code: **CBAF0104**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Demonstrate a familiarity with microeconomics concepts of cost, production and their relationship to business operations.	1,2	U,Ap
CO 2	Apply the concepts of demand forecasting and marginal analysis for better decision making in business.	5	An
CO 3	Analyse the causes and consequences of different market conditions. (Level: Analyse)	5	An
CO 4	Integrate the concept of price and output decisions of firms under various market structures.	2,5	An

Course Title: **Business Communication**
Course Code: **CBAF0105**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand the importance of internal and external communication in the efficient functioning of any business enterprise.	1,2	Ap
CO 2	Evaluate the various factors due to which a communication cannot be complete.	2	U,E
CO 3	Enhance written and oral communication skills through the various creative group activities. Examine the importance of listening, to cultivate good listening skills. Learn about business ethics, workplace ethics, CSR, Intellectual Property Rights, Human rights violations etc.	3,5	Ap
CO 4	Understand of the latest communication tools used by the corporates to effectively communicate with all the stakeholders.	5	U, E
CO 5	Get an exposure to the communication channels and challenges existing in a corporate set up with industry-based assignments.	6	Ap, E
CO 6	Get an insight into the preparation of promotional material for business purposes.	5	C

Course Title: **Business Law**
Course Code: **CBAF0106**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Comprehended the basics of business and commercial law and the general principles thereof.	1,2	U
CO 2	Gain knowledge of the law of contract, Sale of Goods Act, and the definitions, concepts and principles therein.	2	U
CO 3	Gain knowledge of the essential ingredients for formation of contract and the all-pervasive influence of the law of contract.	2,5	U
CO 4	Gain knowledge of Sale of Goods Act and additional principles applicable to a contract for the sale of goods.	2,5	U, Ap
CO 5	Demonstrate recognition of consumer protection provisions and the Right to Information Act.	2,5	E
CO 6	Know the practical applications of the laws by reading and discussing relevant case laws and critically examining judgments.	5	E



Semester II

Course Title: **Financial Accounting II**
Course Code: **CBAF0201**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with accounting for special type of transactions such as consignment Accounting.	1,2	U
CO 2	Understand about the concept of head office and branch and how the transaction takes place between them from accounting standpoint.	1,2	Ap
CO 3	Understand the concept of hire purchase and method of recording transaction taking place under hire purchase.	1,2	U
CO 4	Get acquainted with accounting of departmental stores.	1,2	U

Course Title: **Business Planning and Entrepreneurial Management**
Course Code: **CBAF0202**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand foundation of Entrepreneurship Development and various theories thereof	1,6	U
CO 2	Evaluate entrepreneurial skills and management function of a company with special reference to SME sector.	2	An
CO 3	Identify the type of entrepreneur and the steps involved in an entrepreneurial venture.	5	R
CO 4	Understand various steps involved in starting a venture and to explore marketing methods, trends in the entrepreneurship	6	R,E

Course Title: **Business Statistics**
Course Code: **CBAF0203**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand how various sub-disciplines of statistics are related.	1	U
CO 2	Be familiar with the basic concepts, tools in statistics which will serve as valuable guides to the decision makers.	2	U, Ap
CO 3	Recognise the importance and value of statistical analysis and apply these concepts to solve problems in different disciplines.	3	U, Ap
CO 4	Use tools such as correlation and regression in estimating demand in highly competitive markets.	5	E, An

Course Title: **Financial Management I**
Course Code: **CBAF0204**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Explain various aspects of financial management, its impact on other functions of an organisation and discuss the concepts of Economic Value Added and Market Value added	1	U, An
CO 2	Identify the practical issues relating to the time value of money and the different methods of evaluating investment proposals.	2	U, An
CO 3	Get an insight into the various sources of capital employed by a company and its impact on the wealth of the shareholders.	5	U,E
CO 4	Evaluate the practical aspects of different policies of dividend declaration.	5	U, An
CO 5	Discuss and describe the functioning of Mutual funds and its significance as an investment option.	2	R,An
CO 6	Evaluate the impact of credit policies of an organization on the overall profitability of the business.	6	E,An



Course Title: **Application of Information Technology in Accounting and Finance**
Course Code: **CBAF0205**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Identify different parts of hardware and software	1	R, U
CO 2	Execute different commands of MS-Word, MS- Excel, MS- Access and Power Point.	2	Ap
CO 3	Develop hands on experience of working of Tally Software and accounting through it.	2	Ap
CO 4	Understand legal issues of internet, importance of electronic data interchange and e-commerce	2	R, E

Course Title: **Business Economic and Social Legislations**
Course Code: **CBAF0206**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Analyse and summarize the pros and cons of partnership firm business from legal perspective and offer advice in that regard	1,2	U
CO 2	Understand and apply knowledge of different intellectual property rights and legal remedy under respective IPR.	1,2	U,Ap
CO 3	Grasp the understanding of business and economic law on competition and acts, deeds of money laundering with its implications.	1,2	U,An
CO 4	Explain the development and the judicial setup of Labour and social legislations.	5	E
CO 5	Integrate the knowledge of Labour Law in General HRD Practice	6	E





Semester III

Course Title: **Financial Accounting III**
Course Code: **CBAF0301**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Compile documents and accounting records, statements required to submit with fire insurance claim to insurance company	2,5	U, Ap
CO 2	Understand process of amalgamation and conversion of a firm.	2	E, An
CO 3	Create opening balance sheet of amalgamated firm and company framed by conversion.	2	C
CO 4	Prepare accounts of Limited liability partnership up to finalization.	2	Ap
CO 5	Examine the process of settlement of claim in case of piecemeal distribution of the cash.	2	An

Course Title: **Auditing**
Course Code: **CBAF0302**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand the intricacies of audit, basic principles and broad structure of types of audit.	1	U,An
CO 2	Recognize the steps for preparing an audit plan, audit programme and audit documentation.	2	U,An
CO 3	Enumerate and test the design of internal control for companies.	5	U
CO 4	Enhance the relevance and importance of internal audit for joint stock companies.	2	E

Course Title: **Cost Auditing I**
Course Code: **CBAF0303**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Demonstrate familiarity with concept of cost accounting and its application.	1,2	U
CO 2	Estimate Economic order quantity so as to maintain stock level to control liquidity.	1,2	An
CO 3	Evaluate labour cost to decide on HR policies.	1,5	An
CO 4	Appraise various overhead cost in the production cost of the business.	1,5	An
CO 5	Evaluate various types of cost in costs in manufacturing process.	2,6	E

Course Title: **Indirect Taxes - GST**
Course Code: **CBAF0304**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with the new Indirect tax (Goods and Service Tax- GST) regime and how it has been a paradigm shift in the law after introduction of GST.	1,2	U
CO 2	Understand the various intricacies of GST law regarding registration, concept of supply including its exception and Negative list under GST to apply it while filing returns.	1,2	U,Ap
CO 3	Understand and calculate the Time Of Supply (TOS), Value Of Supply (VOS) and Place Of Supply (POS) to evaluate the process of returns.	1,2	U,An
CO 4	Understand the concept and provisions of Input Tax Credit (ITC) and learn how to apply them while calculating tax liability.	1,5	U,E



Course Title: **Macroeconomics**
Course Code: **CBAF0305**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Demonstrate a familiarity with macroeconomics concepts to evaluate the aggregate behaviour of the economy as a whole with reference to national income, related concepts and significance aspect of Monetary Policy and Fiscal Policy.	1,2	U
CO 2	Be familiar with the major economic issues, problems and policies of the present times, and appreciate the policies enacted in the country in the light of India's business environment.	2,3	E, An
CO 3	Analyse and understand the economic situations caused by circulation of monies, recession, inflation, unemployment and the application of macroeconomic policies.	2,3	E, An
CO 4	Comprehend and analyse data that emerge from public finance and in its impact business flows nationally as well as globally.	1,2	An, Ap
CO 5	Comprehend and analyse the fiscal policy, and related issues and its impacts on economic and social issues of economy.	2,5	U,An

Course Title: **Corporate Law**
Course Code: **CBAF0306**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Comprehend the basic provisions of the Companies Act, 2013 governing corporates operating in India and process of incorporation of company and significance of memorandum and Articles of Association.	1,2	U,An
CO 2	Enumerate the process of incorporation of company and significance of memorandum and Articles of Association.	2	U
CO 3	Explain the significance of prospectus in a company and raising of funds through private placement and issue of prospectus and through deposits.	5	U,An
CO 4	Discuss and infer the company administration aspects of corporate world through data available on public domain.	2	U,An
CO 5	Evaluate issues of corporate inspection, inquiry, investigation aspect and corporate governance issues.	5	U,E
CO 6	Gain working knowledge as to scope of insolvency and bankruptcy law in India.	2	U
CO 7	Co-relate the provisions of the law thought in the course with that of real business world through case study analysis.	6	E



Semester IV

Course Title: **Financial Accounting IV**
Course Code: **CBAF040I**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand the intricacies of conversion of proprietary / partnership business into a company and resultant bifurcation of capital and revenue profits in case of profit prior to incorporation of a company.	1,2	C
CO 2	Demonstrate familiarity with preparation of Final Accounts of Joint Stock Companies as prescribed under the Companies Act, 2013, with disclosures and applicable Accounting Standard in manner to evaluate profit earning capacity of the company.	2	Ap
CO 3	Get acquainted with process of redemption of preference shares & Debentures & entries thereof.	2	Ap
CO 4	Get acquainted with provision, process and entries of Buy back of shares.	2	Ap

Course Title: **Organizational Behaviour**
Course Code: **CBAF0402**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Know the basic concepts, theories and techniques in the field of human behavior that influence overall organizational behaviour.	1,2	U, Ap
CO 2	Understand and analyse the behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour.	1,2	U, An
CO 3	Effectively manage and build productive teams for the achievement of the goals set by the organisation.	5	E, C
CO 4	Be equipped to handle groups and understand group dynamics; enhance managerial effectiveness through the understanding of self and others.	6	Ap, E
CO 5	Create a positive work environment so as to achieve maximum productivity	5	Ap

Course Title: **Cost Accounting II**
Course Code: **CBAF0403**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Examine the reasons for difference in the results of Cost Accounts and Financial Accounts and reconcile cost and financial statements.	1	R
CO 2	Evaluate various types of cost in costs in manufacturing process.	2	An
CO 3	Get acquainted with process of determination of cost under process costing and contract costing.	2	An
CO 4	Calculate total cost under process costing and prepare process accounts and statement of joint products and by-products costing.	2	An
CO 5	Prepare contract account and understand various aspects of contract costing including treatment of profit on incomplete contracts.	2	Ap



Course Title: **Direct Taxes [Income Tax – I]**
Course Code: **CBAF0404**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with various definitions and basis of charge as per Income Tax Act.	1,2	U
CO 2	Get aware of various heads of Income under which tax is payable as per Income Tax Act.	1,2	U
CO 3	Discuss the various benefits/ deductions under Chapter VI-A of the Income tax act, 1961.	1,2	An
CO 4	Compute total income of an individual including all heads of Income to get employed in the file of filing tax returns.	1,2	Ap

Course Title: **Management Accounting**
Course Code: **CBAF0405**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Describe the various management accounting techniques useful for decision making	1,2	An
CO 2	Analyse the financial statements and calculate financial ratios of different Companies.	2,5	An
CO 3	Prepare Cash Flow and Funds Flow statements this helps in planning for intermediate and long-term finances.	5	An
CO 4	Calculate the working capital requirements of trading and manufacturing companies	2,5	Ap

Course Title: **Research Methodology in Accounting and Finance**
Course Code: **CBAF0406**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Identify and discuss the complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project.	1,2	U
CO 2	Employ appropriate research approaches including sampling, data collection and questionnaire design for specific business problems.	3	Ap
CO 3	Learn about the formulation of hypothesis and be aware about the different research designs	2,3	U
CO 4	Develop advanced critical thinking skills and demonstrate enhanced writing skills.	3,5	Ap
CO 5	Develop a research proposal following norms of professional ethics	5	C



Semester V

Course Title: **Financial Accounting V**
Course Code: **CBAF0501**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with provision, process and entries of underwriting of shares and debentures.	1,2	U, Ap
CO 2	Record journal entries in case of Amalgamation, Absorption, External & Internal reconstruction of joint stock companies	2	E, An
CO 3	Record entries in books of accounts in case of liquidation of joint stock companies.	2,5	Ap
CO 4	Understand about the concept of head office and branch and how the transaction takes place between them from accounting standpoint.	2,5	U
CO 5	Maintain Investment Accounting for investment made in fixed return and fluctuating return securities as per AS-13.	5	An

Course Title: **Indian Economy**
Course Code: **CBAF0502**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Consider various aspects of Indian Economy and its impact on development of an economy.	1,2	U
CO 2	Evaluate the various aspects of Agriculture Sector, Industrial Sector & Service Sector and its contribution in overall development of the country.	5	An
CO 3	Understand impact of external sectors & international institutes on the overall economic development.	2	U
CO 4	Evaluate implications of money supply, RBI & SEBI policies on capital formation and growth of the economy.	5	An

Course Title: **Business Analytics**
Course Code: **CBAF0503**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Use business analytics in managerial decision making of various business matters.	1,2	An
CO 2	Comprehend and analyse data that emerge from different areas of business operations.	2,5	U,An
CO 3	Analyse complex work-related situations for effective decision making.	5	An
CO 4	Pursue further studies in the field of data analytics.	5	An

Course Title: **Direct Taxes [Income Tax II]**
Course Code: **CBAF0504**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with provisions of clubbing of income as per Income Tax Act.	1,2	U
CO 2	Get acquainted with provisions of Set Off & Carry forward of losses provisions as per income as per Income Tax Act.	1,2	U
CO 3	Apply income tax provisions with reference to computation of income of Partnership firm and tax thereon as per Income Tax Act.	3	Ap
CO 4	Apply Clubbing of Income, Set Off & Carry Forward of Losses & Deduction under Chapter VI – A.	3	Ap
CO 5	Get acquainted with provisions of Tax Deduction provisions of under Income Tax Act and computation thereof.	2	U
CO 6	Get acquainted with Double Taxation Avoidance Agreement (DTAA) provisions under Income Tax Act and tax planning and management thereof.	5	E



Course Title: **Cost Accounting III**
Course Code: **CBAF0505**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with uniform costing & inter-firm comparison and activity-based costing system.	1,2	U
CO 2	Conversant with integrated system and non-integrated system of accounts	1,2	U
CO 3	Understand Absorption Costing, Standard Costing & Variance Analysis.	1,2	U
CO 4	Analyse the impact of volume fluctuations on the profit of the firm.	5	An
CO 5	Evaluate different levels of Break Even Points at different level of Fixed Cost.	5	An

Course Title: **Security Analysis & Portfolio Management**
Course Code: **CBAF0506**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Know the concept of portfolio management; be aware of the various options available for investments.	1,2	U, E
CO 2	Understand the methods to analyse portfolios such as Portfolio Analysis, Portfolio Management, Portfolio Selection, measuring security return and portfolio returns.	2	E, Ap
CO 3	Assess the financial health of the investee company by evaluating the market capitalization and other financial parameters from the balance sheet and annual reports. (Fundamental Analysis)	3	An
CO 4	Assess the investment loading / offloading avenues through technical analysis through different technical charts, patterns and theories thereof. (Technical Analysis)	3	An
CO 5	Understand how risk and returns are related to investments with reference to Portfolio Management.	5	U, E
CO 6	Plan investments in a well-balanced manner so as to have a financially dependable and sound investment portfolio.	5	An, Ap

Course Title: **Operation Research**
Course Code: **CBAF0507**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand advanced analytical methods of decision making.	1,3	R, U
CO 2	Use techniques such as mathematical modelling to analyse complex work-related situations.	3	E, Ap
CO 3	Have the knowledge of transportation models, network analysis, decision theory and game theory to build more productive systems.	5	Ap, C

Course Title: **Financial Analysis and Business Valuation**
Course Code: **CBAF0508**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand the concept of financial modelling, techniques of forecasting in matter of project appraisal.	1,2	U
CO 2	Assess and analyse of financial statements for decision making.	5	An
CO 3	Acquainted with concept of growth analysis and parameters of sustainable earning.	2	U
CO 4	Get well versed with concept of Business valuation, valuation models, and modalities in valuation.	2,5	E
CO 5	Conversant with the concept of Business valuation, valuation models, and modalities in valuation through practical examples	5	C



Course Title: Project Work Based on Internship
Course Code: CBAF0509

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Research on the topic of interest and generate information by way of both primary and secondary research.	3	U, An
CO 2	Bring out meaningful insights into the topic by analysing the primary data collected.	3	An
CO 3	Get the experience of writing a comprehensive research project, and defending the dissertation and research study.	3	An, Ap
CO 4	Add value to the personal resume by highlighting the research project.	3	Ap





Semester VI

Course Title: **Financial Accounting VI**
Course Code: **CBAF0601**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with provision and process of preparation of Final Accounts of Banking Companies.	1,2	U
CO 2	Get acquainted with provision and process of preparation of Final Accounts of Non-Banking Financial companies.	1,2	U
CO 3	Get acquainted with provision and process of preparation of Final Accounts of insurance companies.	1,2	U
CO 4	Understand about the concept of head office and branch and how the transaction takes place between them from accounting standpoint.	1,3	Ap
CO 5	Evaluate Goodwill of various firms applying various methods of valuation Goodwill.	1,5	An

Course Title: **Financial Accounting VII**
Course Code: **CBAF0602**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Get acquainted with of final accounts of Electricity Company and to apply the same in preparation of Financial Statements.	1,2	U
CO 2	Get acquainted with provisions of final accounts of Co-operative Society to apply the same in preparation of Financial Statements.	1,2	U,Ap
CO 3	Understand specialized transactions to lead to finalization of Final Accounts.	1,2	U
CO 4	Maintain Investment Accounting for investment made in fixed return and fluctuating return securities as per AS-13.	1,2	U,An
CO 5	Get familiar with IFRS & understand the difference between IFRS & AS.	1,2	U
CO 6	Get familiar with basics, accounting policies and entries of mutual funds.	1,2	U

Course Title: **International Finance**
Course Code: **CBAF0603**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand the fundamentals of international finance and its potential gains to participating nations and International Monetary Systems.	1,2	U, An
CO 2	Analyse the Balance of payment situation of India.	1,3	U, An
CO 3	Get an insight into the working of the exchange rate, international currency market, derivatives, FOREX Market, arbitration, speculation and SWAP rate and the different regulations for it; learn the complex calculation process of FOREX.	2,3	U, An
CO 4	Describe the characteristics of foreign exchange market and understand foreign exchange quotations to calculate the arbitrage.	2,3	U, An
CO 5	Be introduced to the Concept of risk in foreign exchange.	2	U, E
CO 6	Evaluate the cross-border investment opportunities and the management of international taxation.	3	E, Ap

Course Title: **Management Applications**
Course Code: **CBAF0604**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Analyse and apply management concepts and its operation.	1,2	Ap
CO 2	Comprehend functional aspects of marketing management, relate it with the business world and apply in situations of Marketing.	2	U,E
CO 3	Comprehend functional aspects of human resources management, relate it with the business world and apply in situations of Human Resource Development.	2	E
CO 4	Comprehend functional aspects of financial management, relate it with the business world and apply in situations of financial affairs of the business.	2	An



Course Title: **Financial Management II**
Course Code: **CBAF0605**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Comprehend the scope of financial system and financial services in India. (Level: Understand)	1,2	U
CO 2	Analyse the issue management framework with role of various intermediaries of capital market and scope of securitization mechanism.	2	An
CO 3	Analyse the various financial instruments available in the capital market with its merits and operational challenges and role of various financial institutions operational in India.	2	An
CO 4	Evaluate the scope of consumer finance practices in India as well as understand role of credit rating agencies and legal framework in India	2,5	E
CO 5	Understand the significance of Business Valuation and approaches of valuation	5	C

Course Title: **Financial Securities and Derivatives**
Course Code: **CBAF0606**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Understand derivative instruments and the functioning of various derivative instruments.	1,2	U
CO 2	Differentiate between the features and benefits involved in the use of the various derivative instruments through illustrations and case studies.	5	An
CO 3	Gain knowledge about the various approaches involved in pricing of derivative instruments.	2	E
CO 4	To get familiar with commodity market and use of derivative instruments to hedge price fluctuation risk.	2	E

Course Title: **Econometrics**
Course Code: **CBAF0607**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Appreciate the basics of data handling, and understand how to construct forecast trends with respect to various business matters.	2	U, Ap
CO 2	Comprehend and analyse data that emerge from different areas of business operations.	5	E, An
CO 3	Enhance the probability of a good placement with the knowledge of data-handling techniques, or by offering "guesstimates" from a set of data.	5	Ap
CO 4	Pursue further studies in the field of data analytics.	3	U

Course Title: **Taxation – Indirect Taxes - II**
Course Code: **CBAF0608**

Sr. No.	On Completing The Course, The Student Will Be Able To:	PSOs Addressed	Cognitive Levels
CO 1	Learn advanced provisions related to payment of Tax liability, with interest and refund of taxes requirement under GST.	1,2	An
CO 2	Get familiar to provisions regarding various records to be maintained, returns to be filed along with due dates and consequences of not filing of returns or payment of taxes on time. Types of ledger maintained under law and procedures for payment.	2	An
CO3	Understand the provisions with customs law- Important definitions applicability and determination of value of goods and imported and exported with its tax implication to develop employability.	2	U, An
CO 4	Understand the laws and regulations regarding Foreign Trade Policies (FTP) and Exported related schemes.	2	U



*St. Xavier's College (Autonomous)
Mumbai*

Affiliated to
UNIVERSITY OF MUMBAI

FY B. Com (A&F) Courses
at Semester I and II

Program: B.Com. (Accounting and Finance)



Scheme of Examination applicable to all courses:

The performance of the learners will be evaluated in two Components, - Internal and External / Semester End Examination.

One component will be the Internal Assessment carrying 40% marks.

Second component will be the Semester wise End Examination 60% marks.

Scheme of Internal Evaluation:

The internal assessment of 40 % for each course will be as follows:

Internal Evaluation	Marks
Project or Assignment & Viva-Voce	15
Class test (Multiple choice Objective type) Sit-down Test [MCQ's, Match the Columns, Image Interpretation, Interpretation of Data Analysis, Full forms of Acronyms, Case Study Analysis, Word Puzzle Solving Down-Across Type, etc.; carrying One-half Mark/ one mark for each Correct Response & without ANY Negative Marking Scheme]	20
For Overall conduct, attendance and active routine class participation as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing related academic actives	05





First Year B. Com (A&F)

Semester I

Subject Code	Semester I	Credit	No of lectures
CSPC0101	Special Course: Giving Voice to Values	3	3
CBAF0101	Financial Accounting, I	3	4
CBAF0102	Business Environment	3	4
CBAF0103	Business Mathematics	3	4
CBAF0104	Microeconomics	3	4
CBAF0105	Business Communication	3	4
CBAF0106	Business Law	3	4
	Total	21	27





<p>CBAF0101 Financial Accounting - I</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To impart basic accounting concepts.2. To make learner familiar with various accounting standards issued by ICAI.3. To make learner aware of techniques and methodology to be followed with reference to preparation of accounting records from incomplete set of records.4. To gain knowledge of final accounts of manufacturing concern.5. To enhance learner understanding about final accounts of partnership firm. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand various accounting standards issued by ICAI to know about the accounting principles.2. Apply accounting knowledge in preparation of financial statements from incomplete records.3. Prepare Final accounts of manufacturing/ trading concern.4. To apply knowledge in preparation of final accounts of partnership firm.
<p>CBAF0102 Business Environment -</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enhance understanding of complex business environment.2. To make learner understand the process of setting up of different forms of organizations with pros and cons of each of such form.3. To make learner aware of different source of external finance.4. To make learner aware of inter dependence of business with external environment/ society.5. To enable learner to examine and evaluate business in International Environment. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand business ecosystem and inter relationship between business and environment as well as responsibility of businesses towards society.2. Know dynamics to be kept in mind while selecting any particular form of organization and means of raising finance for its setting up.3. Implement financial strategies in business to go global.4. Understand various contemporary issues concerning operations of a corporate.5. Describe and discuss Corporate Social Responsibility, Corporate Governance, Social Audit and other emerging contemporary social issues with reference to a business.6. Understand the regulations related to foreign trade in India, Foreign Direct Investments and its implications on Indian Industries.
<p>CBAF0103 Business Mathematics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To improve the creative and logical thinking of learner.2. To orient learner with various concepts of business through learning of ratio, proportion, variation and percentage and enable them to calculate the same.3. To enable learner to understand various terms and formula involved in computation of profit or loss and enable them to calculate the same. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Appreciate Business Mathematics concepts to facilitate enhance familiarity of those concepts of Ratio, Proportion, and Percentage that are encountered in the real world.2. Understand simple and compound interest, annuities, trade discount, cash discount in various situations and apply correct mathematical terminologies with reference to business.3. Evaluate various available options related to investment and make wise decisions.
<p>CBAF0104 Microeconomics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To make learner understand basic tools of Business Economics – microeconomics.2. To make learner understand basic cost, revenue, and break-even concepts in business and apply those concepts with reference to demand and supply function and thus take an appropriate business decision.3. To make learner understand relation between pricing and different types of market structure. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Apply the concepts of cost, production and their relationship to business operations.



	<ol style="list-style-type: none"> 2. Apply the concepts of demand forecasting and marginal analysis for better decision making in business. 3. Analyze the causes and consequences of different market conditions. 4. Integrate the concepts of price and output decisions of firms under various market structures.
<p>CBAF0105 Business Communication</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> 1. To develop awareness of the importance of the communication process, effective listening and oral skills. 2. To introduce the concept and need of communication and to enable the learner to evaluate the objectives and identify various methods and modes of communication. 3. To enable the learner to assess the various obstacles to communication, importance of listening skills and introducing them to the concept of Business Ethics. 4. To equip learner with effective writing skills so as to enable learner to write clear, concise, and persuasive and audience centered approach. 5. To enable the learner to draft various business and personnel correspondence. 6. To demonstrate effective use of communication technology. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Relate the importance of communication in business and corporate world. Learner will identify and learn about its various channels and methods and modes. 2. Evaluate the various factors due to which a communication cannot be complete. They will examine the importance of listening and how to cultivate good listening skills. They will also learn about business ethics, workplace ethics, CSR, Intellectual Property Rights, Human rights violations etc. 3. Construct different layouts of business letter writing. They will also learn to draft various personnel correspondence like job application letter, preparation of resume etc. 4. Develop communication skills like writing, listening, reading and speaking considering the industrial requirements.
<p>CBAF0106 Business Law</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> 1. To develop reading and interpretation skills of learner to make them understand legal documents / contracts / agreements and legal effects of different used in legal jargon. 2. To secure knowledge of the drafting of varied agreements and notices, affidavits, bonds and calculations of various kinds of damages under Indian Contract Act, 1872. 3. To acquaint learner with basic provisions of Sale of Goods Act and different terms used therein in normal business dealings including performance of contract of sale. 4. To gain basic knowledge of the provisions of the Negotiable Instruments Act, 1881, types of Negotiable Instruments and the laws related to bouncing of cheques. 5. To understand the basic law related to the Consumer Protection Act, 2019 and introduction to Right to Information Act. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Get conversant with provisions of Contract Act, 1872 and its applicability to the facts of the real world; these will help learner to deal with general contracts/ agreements and need to improve drafting skills while securing jobs or business contracts. 2. Advice on basic legal consultancy as legality of any contract or business dealing. 3. Strengthen understanding as to Commercial terms in business and implications of use of negotiable instruments used for settlement of transactions. 4. Understand the provisions of general Business law and enter into agreements and contracts.



F.Y. B. Com (BAF)	SPECIAL COURSE GIVING VOICE TO VALUES	Semester I
Credit: 3	CSPC0101	LPW: 3

Objective:

- To examine and interrogate one's own values objectively and rationally.
- To identify and explore various philosophical leanings in education.
- To 'own' one's values & effectively engage with other value systems in different spaces.
- To understand how values materialize or where they come from.

Module	Contents	Lectures
I	<p><u>Value Identification and Clarification.</u></p> <p>A] Conceptualization of Values. Conceptualization of Values within a target group of late teens on the verge of adulthood; the problems they face or struggle with</p> <p>B] Agencies of Value Formation. The role of various institutions such as family, school or any other institution, media, etc., in the formation / inculcation of values; distinctions between 'guilt' and 'shame' cultures.</p> <p>C] Educational Philosophies. Introduction to various philosophies the basis of education for example philosophy of education in Shantiniketan and Auroville, Jesuit education etc.; comparisons of brief extracts from Rousseau's '<i>Emile</i>' and Ivan Illich's '<i>Deschooling Society</i>' or Paulo Friere's '<i>Pedagogy of the Oppressed</i>'; compare and contrast with the tech revolution and how that has changed educational philosophy, practice and expected outcomes.</p>	15
II	<p><u>Individual Value Conflicts.</u></p> <p>A] Relationships. With parents, siblings and extended family, friends, partners, etc.</p> <p>B] Dealing with Addictions. Drugs, Alcohol, Smoking, Internet</p> <p>C] Sustaining Values in the face of dilemmas. The art of choosing; the moral / ethical predicaments that one has to contend with as teenagers / young adults / adults. Case studies to be used to highlight concerns such as plagiarism / ethics within any relationship (romantic or otherwise)</p>	15
III	<p><u>Societal Value Conflicts.</u></p> <p>A] Gender sensitization. Acknowledgement of various "genders"; gender within cultural contexts, problems faced by various genders – in workplace (mention the Vishakha Guidelines)</p> <p>B] Communal Sensitivity. Religious tolerance; tolerance of 'other' cultures within one's own space – interrogating stereotypes based on religion; region or location etc.</p> <p>C] Global citizenship. Consequences of globalization on: the individual, community, media, culture and life-styles.</p>	15
	Total Lectures	45



Reference Books:

- Selections from Rousseau's Emile
- Selections from Ivan Illich's 'Deschooling Society'
- Selections from Paulo Freire's Pedagogy of the Oppressed
- Sheena Iyengar's The Art of Choosing
- Noam Chomsky's Media Control





F. Y. B. Com (BAF)	FINANCIAL ACCOUNTING - I	Semester I
Credit: 3	CBAF0101	LPW: 4

Objective:

- To impart basic accounting concepts.
- To make learner familiar with various accounting standards issued by ICAI.
- To make learner aware of techniques and methodology to be followed with reference to preparation of accounting records from incomplete set of records.
- To gain knowledge of final accounts of manufacturing concern.
- To enhance learner understanding about final accounts of partnership firm.

Module	Contents	Lecture
I	Accounting standards: Concepts, benefits, procedures for issue of accounting standards Various AS: AS – I: Disclosure of Accounting Policies Purpose, Areas of Policies, Disclosure of Policies, Disclosure of Change in Policies, Illustrations AS – 2: Valuation of Inventories (Stock) Meaning, Definition, Applicability, Measurement of Inventory, Disclosure in Final Account, Explanation with Illustrations. AS – 9: Revenue Recognition Meaning and Scope, Transactions excluded, Sale of Goods, Rendering of Services, Effects of Uncertainties, Disclosure, Illustrations.	15
II	Accounting from Incomplete Records Introduction, Problems on Preparation of Final Accounts of Proprietary Trading Concern (Conversion Method)	15
III	Final Accounts of a Manufacturing Concern Expenditure: Capital Revenue Receipts: Capital, Revenue Adjustment and Closing Entries Final accounts of Manufacturing concerns (Proprietary Firm)	15
IV	Partnership Final Accounts based on Adjustment of Admission, Retirement, Death of a Partner During the Year Simple final accounts questions to demonstrate the effect on final Accounts when a partner is admitted during the year or when partner Retires/dies during the year	15
	Total	60

Reference Books:

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi.
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai.
- Accountancy & Financial Management (For F.Y.B.Com.) by Chopde – Chaudhari – Seth Publication.
- Financial management – J.M. Pandey, Vikas Publishinh house, 2015.
- Financial management – Prasanna Chandra, Tata McGraw-Hill Education, 2007.
- Accounting and Financial Management, Semester I – Ainapure and Ainapure, Manan Prakashan.



F.Y. B. Com (BAF)	BUSINESS ENVIRONMENT	Semester I
Credit: 3	CBAF0102	LPW: 4

Objectives:

- To enhance understanding of complex business environment.
- To make learner understand the process of setting different forms of organization with pros and cons of each of such form.
- To make learner aware of different source of external finance.
- To make learner aware of inter dependence of business with external environment/ society.
- To enable learner to examine and evaluate business in International Environment.

Module	Contents	Lecture
I	BUSINESS & ITS ENVIRONMENT Business Objectives, Dynamics of Business and its Environment, Types of Business Environment. Environmental Analysis: Importance, Factors, Pestel Analysis, SWOT Analysis	15
II	BUSINESS ESTABLISHMENT & FORMALITIES IN SETTING UP OF A BUSINESS Intellectual Property Protection: Patents, Trademarks, and Copyrights. Requirements and Procedure for filing a Patent, Trademark, and Copyright. Legal acts governing businesses in India. Identifying Form of Organisation: Sole Proprietorship, Partnership, Limited Liability Partnership and Company. The Entrepreneur's Search for Capital. The Venture Capital Market. Criteria for evaluating New- Venture Proposals. Evaluating the Venture Capitalist. Financing stages. Alternate Sources of Financing for Indian Entrepreneurs. Bank Funding. Government Policy Packages. State Financial Corporations (SFCs). Business Incubators and Facilitators. Informal risk capital: Angel Investors.	20
III	CONTEMPORARY ISSUES IN BUSINESS Corporate Social Responsibility and Corporate Governance: Social Responsibility of Business, Ecology and Business, Carbon Credit. Social Audit: Evolution of Social Audit, Benefits of Social Audit, Social Audit v/s Commercial Audit	10
IV	INTERNATIONAL ENVIRONMENT Strategies for going Global: MNCs and TNCs, WTO. Foreign Trade in India- Balance of Trade, FDI Investment Flows and its Implication for Indian Industries.	15
	Total	60

Reference Books:

- Business Environment: Text and Cases by Francis Cherunilam, Himalaya Publication House, Mumbai.
- Business and Government by Francis Cherunilam, Himalaya Publishing House, Mumbai.
- Entrepreneurship by David H. Holt, PHI Learning Pvt. Ltd., New Delhi.
- Management of Small-Scale Industries by Vasant Desai, Himalaya Publishing House, Mumbai.
- Entrepreneurial Development by S.S. Khanka, S. Chand and Company Pvt. Ltd.



F.Y. B. Com (BAF)	BUSINESS MATHEMATICS	Semester I
Credit: 3	CBAF0103	LPW: 4

Objectives:

- To improve the creative and logical thinking of learners.
- To orient learner with various concepts of business through learning of ratio, proportion, variation and percentage and enable them to calculate the same.
- To enable learner to understand various terms and formula involved in computation of profit or loss and enable them to calculate the same.
- To orient learner towards understanding returns on investment
- To create an interest in learners towards calculation of income from shares and mutual funds that supports employability too.

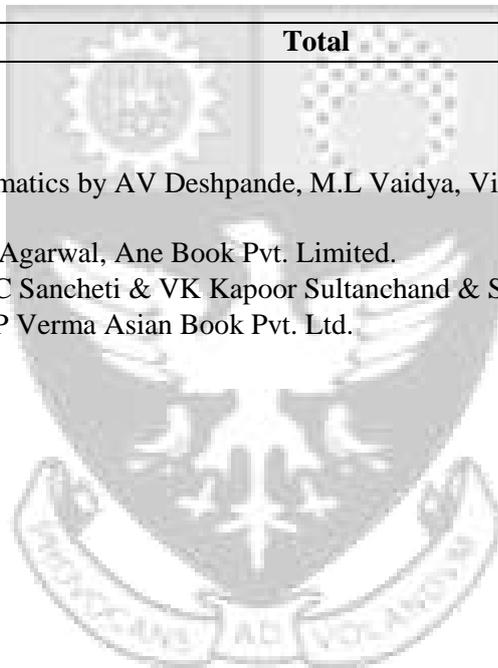
Module	Contents	Lecture
I	Elementary Financial Mathematics A.P., G.P., and sums of their first n terms. Problems with business applications. Simple interest, compound interest, interest compounded more than once a year nominal, effective and continuous rates of interest. Immediate (ordinary) annuity, its present value and future value. Equated Monthly Installments (EMI) using reducing interest system, amortization of loans. Sinking Fund. Depreciation of assets, Functions: constant function, linear function, step function, x^n , exponential and logarithmic functions. Business and Economics functions such as demand supply, total revenue, average revenue, total cost, average cost and profit function. Equilibrium point. Break even analysis. Notion of permutations and combinations. (Problems to be solved with calculator. Use a logarithm tables to be avoided.)	15
II	Matrices and Determinants Matrices, Matrix Operations (addition of two matrices, scalar multiple of a matrix, matrix multiplication, transpose of a matrix). Determinant of a matrix of order 2 and 3, elementary properties of determinant, solving a system of linear equations (up to 3 variables) using Cramer's rule and application to business problems. Elementary row and column operations on matrices, inverse of a matrix (up to order 3). Application of matrices to Leontief's open input-output model. Linear inequality (up to 2 variables) and their Graphs.	15
III	Derivatives and their Applications Derivatives as a measure of rate. Derivatives of functions – constant function, x^n , e^x , a^x , $\log x$. Rules of derivatives – scalar multiplication, sum, difference, product and quotient. Second order derivatives. Application of derivatives – marginal cost, marginal revenue, elasticity of demand, maxima and minima for functions in Economics and Business	15



IV	<p>Functions of two variables and Integration</p> <p>Functions of two variables with examples from Economics and Commerce such as Cobb- Douglas and other production functions, demand functions involving two commodities.</p> <p>First and second order partial derivatives, marginal functions and their simple applications in Economics. Maxima and minima of functions of two variables using second order partial derivative criterion. Constrained maxima and minima (one constraint only) using Lagrange's multiplier.</p> <p>Simple applications in Economics and Commerce: Marginal physical productivity of labour and capital, demand analysis of complementary and competitive commodities, partial elasticity, optimization of functions of two variables in Economics and Business.</p> <p>Integration as the reverse process of derivatives, standard formulae – integration of constant function, x^n, e^x, a^x, $\log x$. Rules for integrals – sum, difference and scalar multiplications. Simple problems (Integration techniques such as finding total cost from marginal cost, total revenue from marginal revenue Definite integrations, simple problems (No properties), applications such producer's surplus, consumer's surplus, present value and future value of a continuously compounded annuity.</p>	15
	Total	60

Reference Books:

- Elementary Business Mathematics by AV Deshpande, M.L Vaidya, Vipul Prakashan, Fifth Revised Edition 2018.
- Business Mathematics by B Agarwal, Ane Book Pvt. Limited.
- Business Mathematics by DC Sancheti & VK Kapoor Sultanchand & Sons.
- Business Mathematics by AP Verma Asian Book Pvt. Ltd.





F.Y. B. Com (BAF)	MICROECONOMICS	Semester I
Credit: 3	CBAF0104	LPW: 4

Objectives:

- To make learner understand basic tools of Business Economics – Microeconomics.
- To make learner understand basic cost, revenue, and break-even concepts in business and apply those concepts with reference to demand and supply function and thus take an appropriate business decision.
- To make learner understand relation between pricing and different types of market structure.

Module	Contents	Lecture
I	Introduction to Business Economics Introduction to Business Economics – scope - Economics and Business Economics – Basic concepts – equation, identities, curve, slope, average and marginal concepts - Production Possibility Curve - scarcity Demand Analysis Demand Function - nature of demand curve under different markets Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional)- relationship between elasticity of demand and revenue concepts Demand estimation and forecasting: Meaning and significance - methods of demand estimation: survey and statistical methods (numerical illustrations on trend analysis and simple linear regression)	15
II	Supply and Production Decisions and Cost of Production Production function: short run analysis with Law of Variable Proportions- Production function with two variable inputs- isoquants, ridge lines and least cost combination of inputs- Long run production function and Laws of Returns to Scale - expansion path - Economies and diseconomies of Scale. Cost concepts: Accounting cost and economic cost, implicit and explicit cost, fixed and variable cost - total, average and marginal cost - Cost Output Relationship in the Short Run and Long Run (hypothetical numerical problems to be discussed), LAC and Learning curve - Break even analysis (with business applications)	15
III	Market structure: Perfect competition and Monopoly and Pricing and Output Decisions under Imperfect Competition and Pricing Practices Short run and long run equilibrium of a competitive firm and of industry - monopoly - short run and long- run equilibrium of a firm under Monopoly Monopolistic competition: Equilibrium of a firm under monopolistic competition, debate over role of advertising (topics to be taught using case studies from real life examples) Oligopolistic markets: key attributes of oligopoly - Collusive and noncollusive oligopoly market - Price rigidity - Cartels and price leadership models (with practical examples)	15
IV	Pricing Practices Cost oriented pricing methods: cost – plus (full cost) pricing, marginal cost pricing, Mark up pricing, discriminating pricing, multiple – product pricing - transfer pricing (case studies on how pricing methods are used in business world)	15
	Total	60



Reference Books:

- Ahuja, H. L, Business Economics, S. Chand Publishing, New Delhi, 2017.
- Deweet K K, Modern Economic Theory, S. Chand & Company Ltd., New Delhi, 2012.
- Mankiw Gregory N, Principles of Economics, Cengage India. 2018.
- Koutsoyiannis, A, Modern Microeconomics, MacMillan Press, 1979.
- Lipsey, R.G. and A.K. Chrystal, Economics, Oxford University. Press, 2007.
- Mankiw, N.G, Economics: Principles and Applications, Cengage Learning, 2009.
- Pindyck, R.S. and D.L. Rubinfeld, Microeconomics, Pearson Education, 2008.
- Salvatore, D.L, Microeconomics: Theory and Applications, Oxford Univ. Press, 2008.
- Varian, H.R, Intermediate Microeconomics: A Modern Approach, W.W. Norton, 2000.





F.Y. B. Com (BAF)	BUSINESS COMMUNICATION	Semester I
Credit: 3	CBAF0105	LPW: 4

Objectives:

- To develop awareness of the importance of the communication process, effective listening and oral skills.
- To introduce the concept and need of communication and to enable the learner to evaluate the objectives and identify various methods and modes of communication.
- To enable the learner to assess the various obstacles to communication, importance of listening skills and introducing them to the concept of Business Ethics
- To equip learner with effective writing skills so as to enable learner to write clear, concise, and persuasive and audience centred approach.
- To enable the learner to draft various business and personnel correspondence.
- To demonstrate effective use of communication technology.

Module	Contents	Lecture
I	Fundamentals of Communication Definition, Meaning -Types, process and importance, Communication Model	15
II	Effective Communication Concept & Practice of Effective Communication Barriers to Effective Communication Methods to Improve Communication Skills	15
III	Written Communication Skills Report Writing Letter Writing Preparation of Promotional Material *with special reference to banks, Insurance companies and Joint stock companies	15
IV	Oral Communication Skills Understanding Audience Use of Language Use of Tone Understanding Body Language	15
	Total	60

Reference Books:

- Effective Communication RaiUrmilaHimalaya, Mumbai.
- Business Communication Kaul Prentice Hall India.
- Basic Business Communication Lesikar TMH.
- Business Communication & Personality Development, Das Excel Books, Delhi.
- How to Listen Better? PramilaAhuja& G Ahuja Sterling Publication.
- Contemporary Business Communication, Scot Biztantra.
- Business Communication for Managers: An Advanced Approach Penrose Thomson learning.
- Business Correspondence Whitehead G & H A.H.Wheeler,Allahabad.



F.Y. B. Com (BAF)	BUSINESS LAW	Semester I
Credit: 3	CBAF0106	LPW: 4

Objectives:

- To develop reading and interpretation skill of learner to make them understand legal documents / contracts / agreements and legal effects of different used in legal jargon.
- To secure knowledge of the drafting of varied agreements and notices, affidavits, bonds and calculations of various kinds of damages under Indian Contract Act, 1872.
- To acquaint learner with basic provisions of Sale of Goods Act and different terms used therein in normal business dealings including performance of contract of sale.
- To gain basic knowledge of the provisions of the Negotiable Instruments Act, 1881, types of Negotiable Instruments and the laws related to bouncing of cheques.
- To understand the basic law related to the Consumer Protection Act, 2019 and introduction to Right to Information Act.

Module	Contents	Lecture
I	THE INDIAN CONTRACT ACT, 1872 (General Principles Applicable to contracts): (a) Nature of Contract, (b) Classification of Contracts, (c) Offer and Acceptance, (d) Capacity of Parties to Contract, (e) Free Consents (f) Consideration, (g) Legality of Object, (h) Agreement Declared Void (i) Performance of Contract (j) Discharge of Contract (k) Remedies for Breach of Contract (l) Indemnity (m) Guarantee (n) Bailment and Pledge (o) Agency	15
II	THE SALE OF GOODS ACT, 1930 (a) Formation of Contract of Sale, (b) Goods and their Classifications, (c) Price, Conditions and Warranties, (d) Transfer of Properties in Goods, (e) Performance of Contract of Sales, (f) Unpaid Seller and his Rights, (g) Sale by Auction, (h) Hire Purchase Agreement	15
III	Negotiable Instrument Act 1881 (a) Definition of Negotiable Instruments, (b) Features of Negotiable Instruments, (c) Promissory Note, (d) Bill of Exchange and Cheque, (e) Holder and Holder in due Course, (f) Crossing of a Cheque, (g) Types of Crossing, (h) Dishonour and Discharge of Negotiable Instruments	15
IV	Consumer Protection Act 1986 Salient Features, (b) Definition of Consumers, (c) Deficiency in Service, (d) Defects in Goods, Introduction to Right to Information Act	15
	Total	60

Reference Books:

- Singh Avtar, Law of Contract and Specific Relief, Eastern Book Company, Edition 2017, Reprinted 2019.
- Pollock and Mulla, Law of Contracts, Lexis Nexis, and Fifteenth Edition 2018.
- Venkatesa Iyer T.S, Law of Contracts, S Gogia and Company, Tenth Edition, 2009.
- Pollock and Mulla, the Sale of Goods Act, Lexis Nexis, Tenth Edition 2017.
- Venkatesa Iyer T.S, Sale of Goods Act, S Gogia and Company, ISBN-13:1234567146651.
- Dr. Singh Gurubux, Law of Consumer Protection, Bharat Law Publication, 1990.
- Consumer Protection Law & Practice by Dr. V.K. Agarwal – Bharat Publications.
- Myeni S.R, Law of Tort and Consumer Protection, Asia law House, 2009 Edition.
- Pillai P.S.Atchuthen, Law of Tort and Consumer Protection, Eastern Book Company, 2002 Edition.
- Right to Information by Muthuswamy& Brinda, Swamy Publishers.
- Basu Durga Das, Introduction to Constitution of India, Lexis Nexis, 2018.
- Bare Acts of relevant laws.



**First Year B. Com (A&F)
Semester II**

Subject Code	Semester II	Credit	No of lectures
CSPC0201	Special Course: Environmental Studies	3	3
CBAF0201	Financial Accounting II	3	4
CBAF0202	Business Planning and Entrepreneurial Management	3	4
CBAF0203	Business Statistics	3	4
CBAF0204	Financial Management I	3	4
CBAF0205	Application of Information Technology In Accounting & Finance	3	4
CBAF0206	Business, Economic and Social Legislations	3	4
	Total	21	27





<p>CBAF0201 Financial Accounting - II</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To understand intricacies of specialized accounting practices.2. To enable learner preparation of Branch, Consignment and Hire Purchase accounts.3. To mark learner gain knowledge of departmental accounts and understand the basis of allocation of income and expense among departments while preparing departmental Accounts. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Prepare Branch and Consignment accounts.2. Prepare accounting under Hire Purchase System.3. Assist in preparation of departmental accounts.
<p>CBAF0202 Business Planning and Entrepreneurial Management</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To learn concepts of Entrepreneurship and build an understanding about business situations in which entrepreneurs act2. To qualify learner to analyse the various aspects, scope and challenges under an entrepreneurial venture.3. To explain classification and types of entrepreneurs and the process of entrepreneurial project development.4. To discuss the steps in venture development and new trends in entrepreneurship. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Pick up about Foundation of Entrepreneurship Development and its theories.2. Explore entrepreneurial skills and management function of a company with special reference to SME sector.3. Identify the type of entrepreneur and the steps involved in an entrepreneurial venture.4. Understand various steps involved in starting a venture and to explore marketing methods and new trends in entrepreneurship.
<p>CBAF0203 Business Statistics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To develop the learner ability to deal with numerical and quantitative issues in business2. To enable the use of statistical, graphical and algebraic techniques wherever relevant.3. To have a proper understanding of Statistical applications in Economics and Management. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Describe and discuss the key terminology, concepts tools and techniques used in business statistical analysis2. Critically evaluate the underlying assumptions of analysis tools3. Understand and critically discuss the issues surrounding sampling and significance4. Discuss critically the uses and limitations of statistical analysis5. Solve a range of problems using the techniques covered6. Conduct basic statistical analysis of data.
<p>CBAF0204 Financial Management- I</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to evaluate the need for Financial Management.2. To understand the concept of leverage and its different types.3. To enhance knowledge on the various source of finance and evaluate the cost of capital.4. To help learner, illustrate Capital Budgeting techniques for project planning and risk analysis.5. To enable learner to examine and discuss capital structure theories and various dividend decision models. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand the various aspects of financial management.2. Understand the different types of leverage and use it in analysis of financial statements.



	<ol style="list-style-type: none">3. Develop an insight into the various sources of capital employed by a company and its impact on the wealth of the shareholders. They would evaluate the practical aspects of different policies of dividend declaration.4. Identify the practical issues relating to the time value of money and the different methods of evaluating investment proposals using capital budgeting techniques.
<p>CBAF0205 Application Of Information And Technology In Accounting And Finance</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To make learner familiar with hardware and software related aspect of computer.2. To develop in depth knowledge of Office Productivity Tools among learner such as MS-Word, MS-Excel, MS-Power Point and Tally.3. To understand the concepts related to internet, its application and security measures.4. To develop overall knowledge on E-commerce among Learner. <p><u>COURSE OUTCOMES:</u></p> <p><u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Identify different parts of hardware and software2. Execute different commands of as MS-Word, MS-Excel, and Power Point.3. Use Tally Software and accounting through it.4. Understand legal issues of internet, importance of electronic data interchange and e-commerce.
<p>CBAF0206 Business, Economic And Social Legislations</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enhance learner understanding as to regulatory framework in general.2. To make learner familiar with working knowledge of Indian Partnership Act, 1932 and Limited Liability Partnership Act, 2008.3. To make learner acquainted with Competition law in India.4. To make learner realize significance of intellectual property rights with reference to business development.5. To make learner comprehend Prevention of Money Laundering Act, 2002 and implications for breach of provisions of the law.6. To gain knowledge of various social welfare legislation and compensatory management scheme prescribed under law in ordinary course of business. <p><u>COURSE OUTCOMES:</u></p> <p><u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Analyse and summarize the pros and cons of partnership business from legal perspective and offer advice on in that regard.2. Understand and apply knowledge of different intellectual property rights and legal remedy under respective IPR.3. Grasp the business and economic law on competition and acts, deeds of money laundering with its implications.4. Explain the development and the judicial setup of labour and social legislations.5. Integrate the knowledge of Labour Law in General HRD Practice.



F.Y. B. Com (BAF)	SPECIAL COURSE ENVIRONMENTAL STUDIES	Semester II
Credit: 3	CSPC0201	LPW: 3

Objectives:

- To familiarize students to the basic concepts of environmental studies.
- To help students to develop their own perspectives around environmental issues.
- To enable students to take practical steps to conserve the environment.

Module	Contents	Lectures
I	<u>Environment</u> Definition and Composition – Lithosphere, Hydrosphere, Atmosphere, Biosphere, Hydrological Cycle Historical Development and Approaches Man and Nature relation and interaction with respect to Food, Clothing, Shelter and Occupation: Concept of Ecology and Ecosystem.	12
II	<u>Resources and Wealth.</u> Meaning, Types of Resources, Exploitation of Resources, use of Technology and its Impact on Natural Environment Wealth – meaning, Distinction between wealth and resources, Optimum Conversion of Resources into wealth Anthropogenic Waste – its effects, Man made Industrial waste.	12
III	<u>Environmental Degradation.</u> Meaning, causes: Degradation of Urban Land, Forest and Agricultural Land due to natural causes and human interference. Global Warming: Problems of non-degradable Waste – Electronic Devices, Plastic and Man-made fibres. Environmental Assessment – Environmental Impact Assessment (EIA), Environmental Auditing, Environmental Legislation in India, Carbon Bank.	12
IV	<u>Environmental Management.</u> Meaning, development and environmental linkages. Environmental concerns in India. The need for sustainable development. Actions for environmental Protection: national and international initiatives, emerging environment management strategies, Indian initiatives. Environmental Protection Movements and NGOs in India.	9
	Total Lectures	45

Reference Books:

- R. Rajagopalan, R. (2005) *Environmental Studies – From Crisis to Cure*. Delhi: OUP
- Rajagopalan, R.: *Environmental studies: from crisis to cure*. (2nd ed.) New Delhi. Oxford University Press, 2012. 0-19-807208-2--(333.7Raj)

Resources Books:

- Guha Ramachandra *Environmentalism: A global history* (OUP) (2000)
- Guha, Ramachandra: *Environmentalism: a global history*. (2nd ed.) Gurgaon. Penguin Books India Pvt. Ltd., 2014. 978-0-670-08391-6--(333.716Guh)



ADDITIONAL READING:

- An Inconvenient Truth, Al Gore
- The 11th Hour, Leonardo DiCaprio
- The Age of Stupid. Franny Armstrong.
- Baraka, Ron Fricke.
- Climate change: An Untold Story [Climate's First Orphans; The Weeping Apple Tree; A Degree of Concern; A Green Agony], Discovery Channel.
- Liquid city--Mathew Gandy.
- Story of Stuff --Free Range Studios Tides Foundation.
- Story of bottled water---Free Range Studios Tides Foundation





F.Y. B. Com (BAF)	FINANCIAL ACCOUNTING - II	Semester II
Credit: 3	CBAF0201	LPW: 4

Objectives:

- To understand intricacies of specialized accounting practices.
- To enable learner preparation of Branch, Consignment and Hire Purchase accounts.
- To mark learner gain knowledge of departmental accounts and understand the basis of allocation of income and expense among departments while preparing departmental Accounts.

Module	Contents	Lecture
I	Consignment Accounts: Accounting for consignment transactions. Understanding of stock valuation and the calculation of stock reserve and its impact. Transactions involving invoicing of goods at a higher price Calculation of delcredere commission. Maintaining the ledger accounts in the books of the Consignor and the Consignee.	15
II	Branch Accounts: Understanding the importance of branch accounts in the context of today's business environment. The meaning and classification of branch and branches. The journal entries and the appropriate ledger accounts that go with it. Accounting for dependent branch not maintaining full books. A study of the methods involved viz: Debtors method and the Stock and Debtors Method.	15
III	Accounting for Hire Purchase: Meaning of HP. Calculating the quantum of interest and with it the instalments and the breakup of interest and capital repayment. Accounting for hire purchase transactions by asset purchase method on full cash price basis. Recording of Journal entries, ledger accounts and disclosure in the balance sheet for the hirer and vendor.	15
IV	Departmental Accounts: Meaning Basic of Allocation of Expenses and Incomes/Receipts Inter Departmental Transfer: at Cost Price and Invoice Price Stock Reserve Departmental Trading and Profit & Loss Account and Balance Sheet	15
	Total	60

Reference Books:

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi.
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai.
- Accountancy & Financial Management (For F.Y.B.Com.) by Chopde – Chaudhari – Seth Publication.
- Financial management – J.M. Pandey, Vikas Publishinh house, 2015.
- Financial management – Prasanna Chandra, Tata McGraw-Hill Education, 2007.



F.Y. B. Com (BAF)	BUSINESS PLANNING AND ENTREPRENEURIAL MANAGEMENT	Semester II
Credit: 3	CBAF0202	LPW: 4

Objectives:

- To learn concepts of Entrepreneurship and build an understanding about business situations in which entrepreneurs act
- To qualify learners to analyse the various aspects, scope and challenges under an entrepreneurial venture.
- To explain classification and types of entrepreneurs and the process of entrepreneurial project development.
- To discuss the steps in venture development and new trends in entrepreneurship.

Module	Contents	Lecture
I	Foundations of Entrepreneurship Development: Concept and Need of Entrepreneurship Development, Definition of Entrepreneur, Entrepreneurship, Importance and significance of growth of entrepreneurial activities Characteristics and qualities of entrepreneur. Theories of Entrepreneurship: Innovation Theory by Schumpeter & Imitating Theory of High Achievement by McClelland X-Efficiency Theory by Leibenstein, Theory of Profit by Knight, Theory of Social change by Everett Hagen External Influences on Entrepreneurship Development: Socio-Cultural, Political, Economical, Personal. Role of Entrepreneurial culture in Entrepreneurship Development.	15
II	Types & Classification of Entrepreneurs Entrepreneur –Concept and Development of Intrapreneurship Women Entrepreneur – concept, development and problems faced by Women Entrepreneurs, Development of Women Entrepreneurs with reference to Self Help Group Social entrepreneurship–concept, development of Social entrepreneurship in India. Importance and Social responsibility of NGO's. Entrepreneurial development Program (EDP) – concept, factor influencing EDP. Option available to Entrepreneur. (Ancillarisation, BPO, Franchise, M&A)	15
III	Entrepreneur Project Development & Business Plan Innovation, Invention, Creativity, Business Idea, Opportunities through change. Idea generation– Sources-Development of product /idea, Environmental scanning and SWOT analysis Creating Entrepreneurial Venture-Entrepreneurship Development Cycle Business Planning Process-The business plan as an Entrepreneurial tool, scope and value of Business plan. Elements of Business Plan, Objectives, Market and Feasibility Analysis, Marketing, Finance, Organization & Management, Ownership, Critical Risk Contingencies of the proposal, Scheduling and milestones.	15
IV	Venture Development Steps involved in starting of Venture, Institutional support to an Entrepreneur, Venture funding, requirements of Capital (Fixed and working) Sources of finance, problem of Venture set-up and prospects, Marketing: Methods, Channel of Marketing, Marketing Institutions and Assistance. New trends in entrepreneurship,	15
	Total	60



Reference Books:

- Baporikar, N, Entrepreneurship and Small Industry, Himalaya Publishing House, Delhi.
- Desai Vasant, Management of Small-Scale Industry, Himalaya Publishing House, Delhi.
- Brush, C.G., Bruin, A., Gatewood, E.J., & Henry, C. Women Entrepreneurs and the Global Environment for Growth: A Research Perspective. UK: Edward Elgar Publishing Inc.
- Brush, C.G., Carter, N.M., Gatewood, E.J., Greene, P., & Hart, M.M. Growth Oriented Women Entrepreneurs and their Businesses: A Global Research Perspective. UK: Edward Elgar Publishing Inc.
- Charantimath, P.M. Entrepreneurship Development and Small Business Enterprises (5th ed.). India: Pearson Education India.
- Dana, L., Asian Models of Entrepreneurship from the Indian Union and the Kingdom of Nepal to the Japanese Archipelago: Context, Policy and Practice. Singapore: World Scientific Publishing Co. Pte. Ltd.
- Dana, L., World Encyclopedia of Entrepreneurship. USA: Edward Elgar Publishing Inc.
- Dupis, A., & Bruin, A., Women's Business Ownership and Entrepreneurship. In P. Spoonley, A. Dupis, & Bruin (Eds.), Work & Working in Twenty-first Century New Zealand. New Zealand: Dunmore Press Limited.
- Fielden, S.L., & Davidson, M. J., International Handbook of Women and Small Business Entrepreneurship. UK: Edward Elgar Publishing Limited.
- Hisrich, R.D., Peters, M.P., & Sheperd, D.A., Entrepreneurship (6th ed.). New Delhi: Tata McGraw-Hill Edition
- Kalb, I.S., Structuring Your Business for Success (3rd ed.). K & A Pr.
- Kumar, S.A., Small Business and Entrepreneurship. New Delhi: International Publishing House Pvt. Ltd.
- Kumar, S.A., Poornima, S.C., Abraham, M.K., & Jayashree, K., Entrepreneurship Development. New Delhi: New Age International Publishers.
- MSME Policy, Government of India.





F.Y. B. Com (BAF)	Business Statistics	Semester II
Credit: 3	CBAF0203	LPW: 4

Objectives:

- To develop the learner's ability to deal with numerical and quantitative issues in business.
- To enable the use of statistical, graphical and algebraic techniques wherever relevant.
- To have a proper understanding of Statistical applications in Economics and Management.

Module	Contents	Lecture
I	Descriptive Statistics for Univariate Data: Introduction to Statistics: Types of data. Data collection methods – Census and Sample Survey: Presentation of data: Tabular (Frequency distribution) and Graphical (Frequency Curve, Ogives, And Histogram). Measures of Central Tendency: Arithmetic mean, median, mode, geometric mean-their properties and applications. Measures of Dispersion: Absolute measures – Range, Quartile deviation, Standard deviation, Variance and Relative measures – coefficient of range, coefficient of quartile deviation, coefficient of variation.	15
II	Forecasting Techniques: Correlation and Regression: Karl Pearson's coefficient of correlation (Properties and calculation); Spearman's Rank Correlation coefficient. Linear regression equation – Statement and use. Time Series: Components. Additive and multiplicative models, Estimation of linear trend by Least squares method, moving average method. Determination of seasonal trend using simple average method. Index Numbers: Meaning and uses, Simple and composite index number. Aggregative and average of price relatives – simple and weighted index numbers. Construction of index number-fixed and chain base.	15
III	Probability and Probability Distribution: Probability: Sample space as a concept, different types of events. Definition of probability. Addition and Multiplication Laws of probability (Statements and use only) conditional probability, Bayes' Theorem (concept only) Random Variable, Expectation and Variance. Probability distributions- Binomial and Normal.	15
IV	Testing of Hypotheses: Sampling distribution: Sample mean and sample proportion. Determination of sample size. Central Limit Theorem (Statement only) Hypothesis: Simple and composite, null and alternative. Two types of errors, level of significance (concepts only) Large sample test Tests based on Normal distribution (Tests for mean and difference in two means, proportion and difference in two proportions). Interval estimation.t-test (concept only)	15
Total		60

Reference Books:

- Fundamentals of Statistics by SC Gupta, Himalaya Publishing House Sixth Thoroughly Revised Edition 2017
- Problems in Quantitative Techniques, by P K Gupta and Manmohan, Sultan Chand & Sons Twelfth Edition, 2017
- Elementary Business Statistics by AV Deshpande, M.L Vaidya, & D.M Doke, Vipul Prakashan, Later edition.



F. Y. B. Com (BAF)	FINANCIAL MANAGEMENT - I	Semester II
Credit: 3	CBAF0204	LPW: 4

Objectives:

- To enable learner to evaluate the need for Financial Management.
- To understand the concept of leverage and its different types.
- To enhance knowledge on the various source of finance and evaluate the cost of capital.
- To help learner illustrate Capital Budgeting techniques for project planning and risk analysis.
- To enable learner to examine and discuss capital structure theories and various dividend decision models.

Module	Contents	Lectures
I	Introduction to Financial Management: Introduction Meaning Importance Scope and Objectives Profit vs Value Maximization Leverage: Introduction EBIT & EPS Analysis Types of Leverages: Operating Leverage, Financial Leverage & Composite Leverage Relationship between Operating Leverage and Financial Leverage (Including Practical Problems)	15
II	Sources of Financing: Introduction Needs of Finance and Sources: Long Term, Medium Term, Short-Term Long-Term Sources of Finance Short Term Sources of Finance Cost of Capital: Introduction Definition and Importance of Cost of Capital Measurement of Cost of Capital WACC (Including Practical Problems)	15
III	Capital Budgeting: Introduction - Capital Budgeting Process, Project Classification and Investment Criteria. Techniques of Capital Budgeting - NPV, Benefit Cost Ratio, Internal Rate of Return, Modified Internal Rate of Return, Payback period, Discounted Payback Period and ARR. (Inclusive of Estimation of Project Cash Flows)	15
VI	Capital Structure Theories and Dividend Decisions: Capital Structure Theories – Background, Assumptions, Definitions and Taxation and Capital Structure Types – Net Operating Income, Net Operating Income Approach, Traditional Position, Modigliani and Miller Approach, Trade off Theory and Signalling Theory. Dividend Decisions- Need, Importance, Formulation, Legal and Procedural Aspects. Dividend Decision Models - Walter, Gordon, Graham & Dodd Model and M-M Model	15
	Total	60

Reference Books:

- Fundamentals of Financial Management by D. Chandra Bose, PHI Learning Pvt. Ltd., New Delhi
- Fundamentals of Financial Management by Bhabotosh Banerjee, PHI Learning Pvt. Ltd., New Delhi
- Fundamentals of Financial Management by Vyuptakesh Sharma, Pearson Education, New Delhi
- Fundamentals of Financial Management by J.C. Van Horne, Prentice Hall of India, New Delhi
- 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



F.Y. B. Com (BAF)	APPLICATION OF INFORMATION AND TECHNOLOGY IN ACCOUNTING AND FINANCE	Semester II
Credit: 3	CBAF0205	LPW: 4

Objectives:

- To make learner familiar with hardware and software related aspect of computer.
- To develop in depth knowledge of Office Productivity Tools among learner such MS-Word, MS-Excel, MS-Power Point and Tally.
- To understand the concepts related to internet, its application and security measures.
- To develop overall knowledge on E-commerce among learners.

Module	Contents	Lecture
I	Introduction to Computers History of Computers, Hardware, Data Storage Management Software: Concept of System Software and Applications, Networking: Introduction and types of network topologies Office Productivity Tools MS- Word - MS- Excel MS- Access MS- Power Point	15
II	Accounting Package under Tally Features of Tally ERP 9 Creation, Modification and Deletion-Company, Group, Ledger Security Control, Back-up and Restore Process Accounting Vouchers and Inventory Entries Financial Statement Budgeting RATIO Analysis Cash Flow Analysis Cost Centre-Creation and Allocation GST, TDS-Accounting Entry in Tally ERP Company Merging and Splitting Reports in Tally Export/ Import of data	15
III	Use of Tools in Accounting: Preparation of vouchers, invoices and reports, Calculation of Interest, Depreciation, TDS, Salary, Taxes, inventory and reconciliation WEB Use of Various Web Browser Information Searching Tools Downloading	15
IV	Introduction to Internet and other emerging technologies Introduction – Internet components – electronic commerce – e-commerce applications – Electronic Data Exchange – Extranet – Payment systems – Risks and security considerations – Legal issues – Other emerging technologies Electronic Commerce Meaning, Advantages and Limitations of E Commerce, The role of Strategy in E - Commerce	15
	Total	60

Reference Books:

- Agarwala, Kamlesh N., Lal, Amit and Agarwala, Deeksha. “Business on the Net: Introduction to the whats and hows of E-commerce.” Macmillan India Ltd.
- Bajaj KK, Debjani Nag “E-Commerce. Tata McGraw Hill Company” New Delhi.
- Turban, “Electronic commerce:A Managerial perspective” Pearson Education Asia.
- Learn Tally-
- Learners guide to Microsoft Office



F.Y. B. Com (BAF)	BUSINESS, ECONOMIC AND SOCIAL LEGISLATIONS	Semester II
Credit: 3	CBAF0206	LPW: 4

Objectives:

- To enhance learner understanding as to regulatory framework in general.
- To make learner familiar with working knowledge of Indian Partnership Act, 1932 and Limited Liability Partnership Act, 2008.
- To make learner acquainted with Competition law in India.
- To make learner realize significance of intellectual property rights with reference to business development.
- To make learner comprehend Prevention of Money Laundering Act, 2002 and implications for breach of provisions of the law.
- To gain knowledge of various social welfare legislation and compensatory management scheme prescribed under law in ordinary course of business.

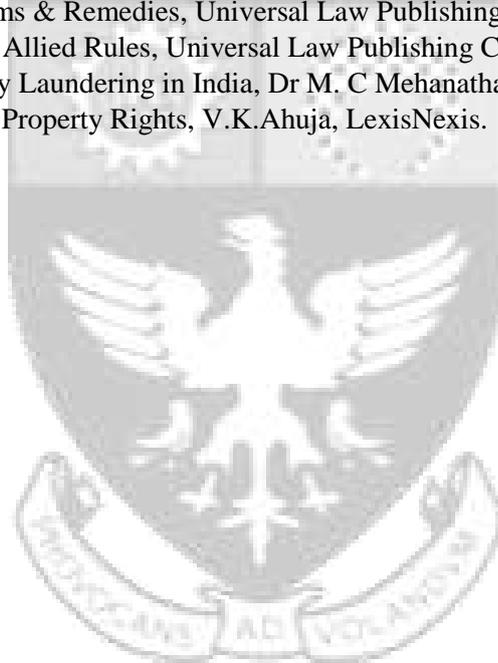
Module	Contents	Lecture
I	Introduction to Partnership Act 1932 Concept of Partnership - Partnership and Company -Test for determination of existence for partnership, Kinds of partnership Registration and effects of non- registration of Partnership Rights and Duties of Partners Authority and Liability of partners Admission, Retirement and Expulsion of Partner Dissolution of Partnership Limited Liability Partnership Act, 2008 Nature of Limited Liability Partnership Incorporation of Limited Liability Partnership Extent and Limitation of Liability of Limited Liability Partnership and Partners, Contributions by partner, Conversion into Limited Liability Partnership, Winding Up and Dissolution	15
II	Introduction to Intellectual Property Rights Overview of Intellectual Property Patent - Patents - Elements of Patentability: Novelty, Non-Obviousness (Inventive Steps), Industrial Application - Non - Patentable Subject Matter, Rights and Duties of Patentee, Assignment and licence. Copyright - Nature of Copyright - Subject matter of copyright: original literary, dramatic, musical, artistic works; cinematograph films and sound recordings, Term of protection, Ownership of copyright, Assignment and licence of copyright - Infringement, Remedies & Penalties – Related Rights - Distinction between related and copyright and Trademark - Concept of Trademarks - Different kinds of marks (brand names, logos, signatures, symbols, well known marks, certification marks and service marks) - Non Registrable Trademarks Other forms of IP - Geographical Indicators, Plant Variety Protection, Layout Design Protection	15
III	Introduction to Competition Act Introductions, definitions, scope, objectives, Prohibition of Certain Agreements, Abuse of Dominant Position and Regulation of Combinations, Competition Commission of India, Duties, Powers and Functions of Commission. (Sec 1 to 39) Introduction to Prevention of Money Laundering Act, 2002. Definitions: - Beneficial owner, chit fund company, client co- operative, bank financial institutions, intermediary payment system operator, proceeds of crime. Sec 3 Offence of Money Laundering, Sec 4 Punishment for money laundering Sec 4 Punishment for money laundering	15



	Sec 5 Attachment of property involved in Money laundering Sec 24 Burden of proof Sec 70 offences by companies	
IV	Introduction to Social Legislation Employee State Insurance Act 1948: Employees Provident Fund & Miscellaneous Provision Act 1948 Schemes, Administration and determination of dues Introduction to Laws Related to Compensation Management The payment of Wages Act 1948 Payment of Bonus Act, 1965 The Payment Of Gratuity Act, 1972	15
	Total	60

Reference Books:

- Right to Information by Muthuswamy & Brinda, Swamy Publishers.
- Singh Avtar, Introduction to Law of Partnership, Law of Partnership, Eastern Book Company, 2007 Edition.
- Basu Durga Das, Introduction to Constitution of India, LexisNexis, 2018.
- Labour Laws, Labour Law Agency, Mumbai.
- H.L. Kumar, Labour Problems & Remedies, Universal Law Publishing Co, New Delhi.
- Competition Act, 2002 with Allied Rules, Universal Law Publishing Co, New Delhi.
- Law on Prevention of Money Laundering in India, Dr M. C Mehanathan, LexisNexis.
- Law Relating to Intellectual Property Rights, V.K.Ahuja, LexisNexis.
- Bare Acts of relevant laws.





*St. Xavier's College (Autonomous)
Mumbai*

Affiliated to
UNIVERSITY OF MUMBAI

SY B. Com (A&F) Courses
at Semester III and IV

Program: B.Com. (Accounting and Finance)



Second Year B. Com (A&F)

Semester III

Subject Code	Semester II	Credit	No of lectures
CSPC0301	Special Course: Environmental Studies	3	3
CBAF0301	Financial Accounting III	4	4
CBAF0302	Auditing	3	4
CBAF0303	Cost Accounting I	4	4
CBAF0304	Indirect Taxes [Goods and Services Tax- I]	4	4
CBAF0305	Macroeconomics	3	4
CBAF0306	Corporate Law	3	4
	Total	24	27





<p>CBAF0301 Financial Accounting - III</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. The learner will be able to understand accounting treatments w.r.t Fire Insurance Claims.2. The learner will get the comprehensive understanding of accounting treatments for amalgamation, conversion and sale of partnership firms.3. The learner will understand accounting of a Limited Liability Partnership Firm.4. The learner will get the comprehensive understanding of accounting of transactions of Foreign Currency. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Prepare accounts required at the time of fire insurance claim.2. The learner would be able to prepare financial statement with reference to amalgamation, conversion and sale of partnership firms.3. The learner would prepare financial statement of a Limited Liability Partnership Firm.4. Understand the process of piecemeal distribution of cash of a business.
<p>CBAF0302 Auditing</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To understand objectives and concepts of auditing and gain working knowledge of generally accepted auditing procedures and of techniques and skills needed to apply them in audit.2. To introduce the concept of auditing and to enable learner to gain working knowledge of generally accepted auditing procedures examine the skills needed to apply them in audit.3. To enable learner to evaluate the importance of audit planning and documentation and the procedures involved in audit.4. To enable learner to assess the audit techniques and the concepts of internal control and internal checks.5. To learn and contrast the need for Internal Audit, audit Procedure. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand and demonstrate various techniques followed while conducting an audit.2. Evaluate the Significance of audit planning and documentation and the procedures involved in audit.3. Assess the audit techniques and the concepts of internal control and internal checks.4. Differentiate between the need for vouching and verifying records of a firm.5. Recognize the rules related to various accounting standards (AS) and auditing assurance standards (AAS).
<p>CBAF0303 Cost Accounting I</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To introduce concept of cost accounting to learner.2. To make learner familiar with cost involved in material, labour and overheads.3. To calculate cost of production and understand the effects of per unit cost on profits and revenue of a business.4. To develop understanding about cost factors and strengthen decision-making skills. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Gain clear understanding of cost accounting as a branch of accountancy.2. Understand various concepts of cost accounting.3. Study calculation of Material cost, Labour cost and overheads for determining the total cost of production of a business.4. Prepare cost sheet and determine the cost of production and total sales.



<p>CBAF0304 Indirect Taxes (Goods And Service Tax-I)</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to understand the basic concepts, definitions and terms related to Goods and Service tax (GST).2. To enable learner to understand and the difference in concept of forward charge mechanism, reverse charge mechanism, composite supply, mixed supply and various exemptions under the new Goods and Service tax regime.3. To enable the learner to associate the concept of Supply along with the rules related to time, place and value of supply.4. To enable the learner to describe the compliance related to documentation under the new indirect tax regime.5. To enable the learner to compute the Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit.6. To enable the learner to analyse the persons liable for registration and the persons not required to obtain registration under the GST law. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Explain the various terms related to Goods and Service tax (GST).2. Distinguish the difference between forward charge and reverse charge mechanism and also to understand the difference between composite and mixed supply.3. Discuss the time, place and value of supply.4. Discuss the contents and format for various documents like tax invoice, bill of supply, debit note, credit note etc.5. Compute the amount of CGST, SGST and IGST payable after considering the eligible input tax credit.6. Analyse whether a person is required to obtain registration under GST law.
<p>CBAF0305 Macroeconomics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to describe the various Macroeconomics concepts.2. To help learner to understand Supply and Demand of money, inflation and monetary policy.3. To enable learner to get acquainted with the constituents of Fiscal policy.4. To enable learner to discuss the theories of Open Economy and issues related to International Trade. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Discuss scope and importance of Macroeconomics, Circular flow of aggregate income and expenditure, the measurement of national product, Short run economic fluctuations and The Keynesian Principle of Effective Demand.2. Recall and discuss the concept of Money Supply, demand for money, Quantity theory of money - Fisher's equation of exchange - Cambridge cash balance approach Nature of inflation in a developing economy and monetary policy.3. Realize the role of a Government to provide Public goods, Fiscal Policy, Instruments of Fiscal policy and Union budget structure.4. Recognize the basis of International Trade Foreign Portfolio Investment, Foreign Direct Investment Role of Multinational Corporations, Balance of Payments, Foreign Exchange and Foreign Exchange Market.



CBAF0306
Corporate Law

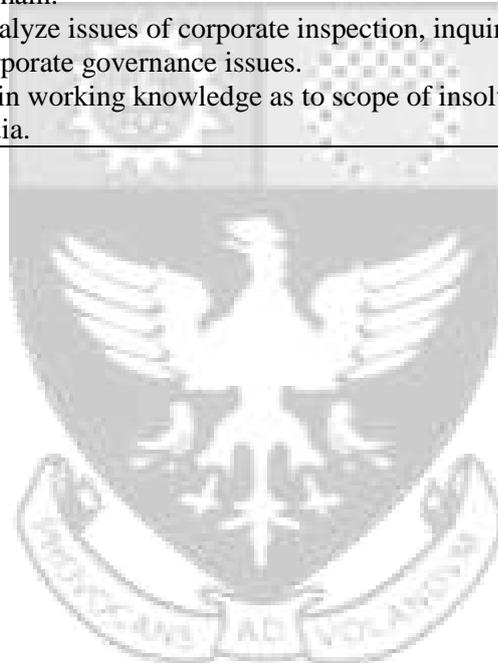
LEARNING OBJECTIVES:

1. Learner will understand relevant definitions, terms, provisions of the Companies Act, 2013.
2. Learner will get to know the procedure as to registration of a Company form of organization.
3. Understand the intricacies of public issue, issue of security under private placement and rising of funds through issue of deposit and debentures.
4. Learner will gain knowledge as to company administration aspect of company through board role, functions, powers and governance.
5. Learner will gain knowledge as to inspection, inquiry, investigation of the corporate affairs and legal remedy thereto.
6. Learner will understand the scope of insolvency and bankruptcy law in India.

COURSE OUTCOMES:

After completion of this course, the learner will be able to:

1. Comprehend the provisions of the Companies Act, 2013 governing corporates in India.
2. Co-relate the provisions of the law thought in the course with that of business world through case study analysis.
3. Discuss and debate on company administration aspects available on public domain.
4. Analyze issues of corporate inspection, inquiry, investigation aspect and corporate governance issues.
5. Gain working knowledge as to scope of insolvency and bankruptcy law in India.





S.Y. B. Com (BAF)	SPECIAL COURSE: HUMAN RIGHTS	Semester III
Credit: 3	CSPC0301	LPW: 3

Objectives:

To acquaint and familiarize the learner with the Human Rights regime and sensitize the students to human rights.

Module	Contents	Lecture
I	Nature and Scope of Human Rights: Introducing human rights Nature of human rights Requirements for enjoying human rights Correlation between rights and duties Cultural Relativism and universality of human rights Scope of human rights Suggestions for advancement of human rights Evolution of human rights Ancient origins of human rights The natural law school and natural rights theory Evaluation of theories of human rights Development of human rights Landmarks in the development of human rights (Magna Carta, English Bill of rights, American declaration of independence, US Bill of rights, French Declaration of the rights of man and citizen)	15
II	Universal Declaration of Human Rights Introduction to UDHR Preamble of UDHR Ambit of Rights covered by declaration Articles of declaration Significance of declaration Constituents of Human Rights Classifying human rights Basis of classifying rights Civil rights Political rights Economic rights Social and cultural rights Development oriented rights	15
III	Enforcement of Human rights Protection of human rights Implementing human rights Human rights and domestic jurisdiction Human rights commission UN High Commissioner for Human rights Office of the United Nations High Commission for human rights Human Rights Committee Implementation of human rights by human rights committee Implementation of International Covenant on Economic, Social and Cultural Rights International Court of Justice International judicial system for human rights Weaknesses of U.N.O in dealing with human rights violation	15
	Total	60



Reference Books:

- Basu Durga Das, Introduction to Constitution of India, LexisNexis, 2018
- Singh M.P., V N Shukla's Constitution of India- Eastern Book Company, 2017
- Bare Text of part XI Constitution of India
- Bare Acts of relevant laws
- Universal Declaration of Human Rights, 1948
- International Covenant on Civil and Political Rights, 1966
- Optional Protocols to the International Covenant on Civil and Political Rights
- International Covenant on Economic, Social and Cultural Rights, 1966
- Convention on the Elimination of all Forms of Discrimination against Women (CEDAW)-1979
- UN Declaration of the Rights of the Child, 1959
- Laws in India Protective and Repressive of Human Rights.





S. Y. B. Com (BAF)	FINANCIAL ACCOUNTING - III	Semester III
Credit: 4	CBAF0301	LPW: 4

Objectives:

- The learner will be able to understand accounting treatments w.r.t Fire Insurance Claims.
- The learner will get the comprehensive understanding of accounting treatments for amalgamation, conversion and sale of partnership firms.
- The learner will understand accounting of a Limited Liability Partnership Firm.
- The learner will get the comprehensive understanding of accounting of transactions of Foreign Currency.

Module	Contents	Lectures
I	Fire Insurance Claims: Computation of loss of stock by fire. Arriving at the Gross profit ratio through the trading account after considering normal and abnormal effects in stock and purchases. Ascertainment of claim as per the insurance policy. Arriving at the claim using the average claim method.	15
II	Amalgamation of Firms: Realization method only, Calculation of purchase consideration Journal/ledger accounts of old firms Preparing Balance sheet of new firm Adjustment of goodwill in the new firm Realignment of capitals in the new firm by current accounts/cash or a combination thereof. Excluding: Common transactions between the amalgamating firms Conversion / Sale of a Partnership firm into a Ltd. Company: Realization method only, Calculation of New Purchase consideration, Journal / Ledger Accounts of old firms. Preparing Balance sheet of new company	15
III	Accounting for Limited Liability Partnership: Statutory provisions, Conversion of partnership business into Limited Liability Partnership Final accounts	15
IV	Piecemeal Distribution of Cash: Excess Capital Method Only Asset taken over by a partner. Treatment of past profits or past losses in the Balance sheet. Contingent liabilities / Realization expenses/amount kept aside for expenses and adjustment of actual Treatment of secured liabilities. Treatment of preferential liabilities like Govt. dues / labour dues etc. [Excluding: Insolvency of partner and Maximum Loss Method]	15
	Total	60

Reference Books:

- Introduction to Accountancy by T.S. Grewal, S. Chand and Company (P) Ltd., New Delhi.
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai.
- Accountancy & Financial Management (For F.Y.B.Com.) by Chopde – Chaudhari – Seth Publication.
- Financial management – J.M. Pandey, Vikas Publishinh house, 2015.
- Financial management – Prasanna Chandra, Tata McGraw-Hill Education, 2007.
- Accounting and Financial Management, Semester I – Ainapure and Ainapure, Manan Prakashan.



S. Y. B. Com (BAF)	AUDITING	Semester III
Credit: 3	CBAF0302	LPW: 4

Objectives:

- To understand objectives and concepts of auditing and gain working knowledge of generally accepted auditing procedures and of techniques and skills needed to apply them in audit.
- To introduce the concept of auditing and to enable learner to gain working knowledge of generally accepted auditing procedures examine the skills needed to apply them in audit.
- To enable learner to evaluate the importance of audit planning and documentation and the procedures involved in audit.
- To enable learner to assess the audit techniques and the concepts of internal control and internal checks.
- To learn and contrast the need for Internal Audit, audit Procedure.

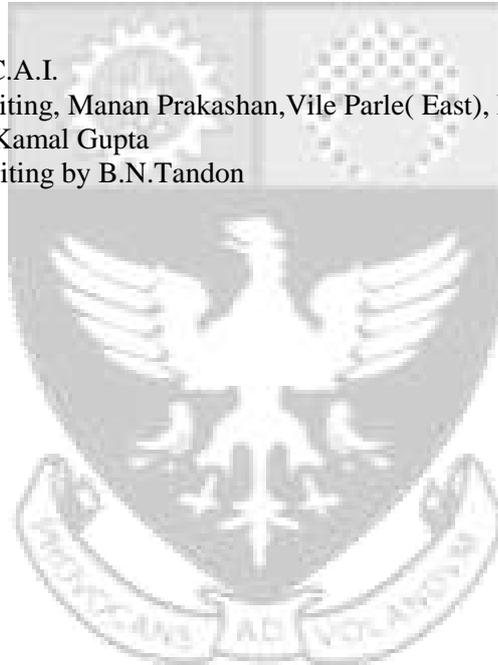
Module	Contents	Lectures
I	<p>Introduction to Auditing Basics Financial Statements, Users of Financial Information, Definition of Auditing, Objectives of Auditing - Primary and Secondary, Expression of Opinion, Detection of Frauds and Errors, Inherent Limitations of Audit Errors and Frauds Concepts, Reasons and Circumstances, Types of Errors -Commission, Omission, Principle and Compensating, Types of Frauds, Risk of Fraud and Error in Audit, Auditor's Duties and Responsibilities in Respect of Fraud Principles of Audit Integrity, Objectivity, Independence, Confidentiality, Skills and Competence, Materiality and Work Performed by Others, Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting Types of Audit Meaning, Advantages and Disadvantages of Balance Sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit, Annual Audit Miscellaneous Advantages of Independent Audit, Qualities of Auditors, Auditing Vs Accounting, Auditing Vs Investigation, View the Concept True and Fair Accounting Concepts Relevant to Auditing Materiality, Going Concern</p>	15
II	<p>Audit Planning, Procedures and Documentation Meaning, Objectives, Factors to be Considered, Sources of Obtaining Information, Discussions with Client, Overall Audit Plan Audit Programme Meaning, Factors to be Considered, Advantages, Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before Commencing Works of Audit, Overall Audit Approach Audit working Papers Meaning, Importance, Factors Determining Form and Contents, Main Functions / Importance, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of Other Parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books Audit Notebook Meaning, Structure, Contents, General Information, Current Information and Importance Modules / Units</p>	10
III	<p>Auditing Techniques I Test Check: Test Checking Vs Routing Checking,</p>	15



	Test Check Meaning, Features, Factors to be Considered, When Test Checks can be Used, Advantages, Disadvantages and Precautions. Audit Sampling: Audit Sampling, Meaning, Purpose, Factors in Determining Sample Size - Sampling Risk, Tolerable Error and Expected Error, Methods of Selecting Sample Items Evaluation of Sample Results Auditors Liability in Conducting Audit based on Sample Internal Control: Meaning and Purpose, Review of Internal Control, Advantages, Auditors Duties, Review of Internal Control, Inherent Limitations of Internal Control, Internal Control Samples for Sales and Debtors, Purchases and Creditors, Wages and Salaries Internal Checks Vs Internal Control, Internal Checks Vs Test Checks	
IV	Audit Techniques II Internal Audit Meaning, Basic Principles of Establishing Internal Audit, Objectives, Evaluation of Internal Audit by Statutory Auditor, Usefulness of Internal Audit Internal Audit Vs External Audit, Internal Checks Vs Internal Audit Vouching & Verification	20
	Total	60

Reference Books:

- Standards of Auditing by I.C.A.I.
- Aina pure and Aina pure Auditing, Manan Prakashan, Vile Parle(East), Mumbai 57.
- Contemporary Auditing by Kamal Gupta
- A handbook of practical auditing by B.N.Tandon





S.Y. B. Com (BAF)	COST ACCOUNTING - I	Semester III
Credit: 4	CBAF0303	LPW: 4

Objectives:

- To introduce with concept of cost accounting to learner.
- To make learner familiar with cost involved in material, labour and overheads.
- To understand how per unit cost affects the profits and revenue of the firm.
- To develop understanding as cost factors and strengthen decision-making skills.

Module	Contents	Lecture
I	Introduction to Cost Accounting Evolution, Objectives and Scope of Cost Accounting, Importance and Advantages of Cost Accounting, Difference between Cost Accounting and Financial Accounting, Limitations of Financial Accounting, Definitions: Cost, Costing and Cost Accounting, Classification of Cost on Different Bases, Cost Allocation and Apportionment, Coding System, Essentials of Good Costing System Material Cost: The Concept, Material Control Procedure, Documentation, Stock Ledger, Bin Card, Stock Levels, Economic Order Quantity (EOQ)	15
II	Labour Cost: The Concept, Composition of Labour Cost, Labour Cost Records, Overtime/ Idle Time / Incentive Schemes	15
III	Overheads: The Concept, Classification of overheads on different bases, Apportionment and Absorption of Overheads	15
IV	Classification of costs and Cost Sheet: Classification of costs, Cost of Sales, Cost Centre, Cost Unit, Profit Centre and Investment Centre, Cost Sheet, Total Costs and Unit Costs, Different Costs for different purpose Problems on preparation of cost sheet & Estimated Cost sheet	15
	Total	60

Reference Books:

- N.K. Prasad (1990), Cost Accounting:
- B.Battacharya (2001), Costing:
- C Horngren and Datar (2009) Cost and Management Accounting
- Ainapure and Ainapure (2017) Cost Accountancy, Manan Prakashan, VileParle(East) , Mumbai



S. Y. B. Com (BAF)	INDIRECT TAXES (GOODS AND SERVICE TAX-I)	Semester III
Credit: 4	CBAF0304	LPW: 4

Objectives:

- To enable learner to understand the basic concepts, definitions and terms related to Goods and Service tax (GST).
- To enable learner to understand and the difference in concept of forward charge mechanism, reverse charge mechanism, composite supply, mixed supply and various exemptions under the new Goods and Service tax regime.
- To enable the learner to associate the concept of Supply along with the rules related to time, place and value of supply.
- To enable the learner to describe the compliance related to documentation under the new indirect tax regime.
- To enable the learner to compute the Goods and Service Tax (GST) payable by a supplier after considering the eligible input tax credit
- To enable the learner to analyse the persons liable for registration and the persons not required to obtain registration under the GST law.

Module	Contents	Lectures
I	Introduction to Indirect Taxation and GST and definitions Basics for Taxation – Direct Taxes and Indirect Taxes Features of Indirect taxes, Difference, Advantages and Disadvantages, Sources and Authority of Taxes in India (Art 246 of the Indian Constitution), Introduction to GST – Genesis of GST in India, Power to tax GST (Constitutional Provisions), Extent and Commencement, Meaning and Definition of GST, Benefits of GST, Conceptual Framework – CGST, IGST, SGST, UTGST, Imports of goods or services or both, Export of goods or services or both, Taxes subsumed and not subsumed under GST. GST Council and GST Network, Definitions under CGST Act Levy and Collection of GST Charge of GST, Levy and Collection GST, Composite and Mixed Supplies under GST, Power to Grant Exemption, Negative list of GST. GST Rate Schedule for G&S	15
II	Concept and scope of Supply Time, Nature and Place, Value of Supply Taxable Event Supply, Place of Supply, Time of Supply, Value of Supply Documentation Tax Invoices, Credit and Debit notes	15
III	Input Tax Credit and Computation of GST liability Eligibility and conditions for taking Input Tax Credit Apportionment of credit & Blocked credits, Credit in special circumstances, Computation of GST under Inter & Intra State supplies	15
IV	Registration under GST Registration – Persons liable for Registration, Persons not liable for Registration, Procedure for Registration, Deemed Registration, Amendment, Cancellation and Revocation of Registration. Payment of Tax, Filing GST Returns	15
	Total	60

Reference Books:

- Indirect Taxes by V.S. Balchandra, Sultan Chand and Sons, New Delhi.
- GST Law & practice with Customs & FTP by V.S. Datey, Taxmann.
- GST Law & practice with Customs & FTP by Vineet Sodhani, Snow White Publications.



S.Y. B. Com (BAF)	MACROECONOMICS	Semester III
Credit: 3	CBAF0305	LPW: 4

Objectives:

- To enable learner to describe the various Macroeconomics concepts.
- To help learner to understand Supply and Demand of money, inflation and monetary policy.
- To enable learner to get acquainted with the constituents of Fiscal policy.
- To enable learner to discuss the theories of Open Economy and issues related to International Trade.

Module	Contents	Lectures
I	<p>Overview of Macroeconomics Macroeconomics: Meaning, Scope and Importance. Circular flow of aggregate income and expenditure and its Importance- closed and open economy models The Measurement of National Product: Meaning and Importance of National Income Accounting- conventional and Green GNP and NNP concepts - National Income and Economic Welfare. Trade Cycles: Features and Phases Classical Macroeconomic: Say's law of Markets - Features, Implications and Criticism Money, Prices and Inflation Money Supply: Determinants of Money Supply - Factors influencing Velocity of Circulation of Money Demand for Money: Classical and Keynesian approaches and Keynes' liquidity preference theory of interest - Friedman's restatement of Demand for money and prices: Quantity theory of money - Fisher's equation of exchange - Cambridge cash balance approach Inflation: Demand Pull Inflation and Cost Push Inflation - Effects of Inflation- Nature of inflation in a developing economy - policy measures to curb inflation- monetary policy and inflation targeting</p>	15
II	<p>Introduction to Public Finance Meaning and Scope of Public finance. Major fiscal functions: allocation function, distribution function & stabilization function Principle of Maximum Social Advantage: Dalton and Musgrave Views - the Principle in Practice, Limitations. Relation between Efficiency, Markets and Governments The concept of Public Goods and the role of Government</p>	15
III	<p>Public revenue, Public Expenditure and Debt Sources of Public Revenue: tax and non-tax revenues Objectives of taxation - Canons of taxation - Types of taxes: direct and indirect - Tax Base and Rates of taxation: proportional, progressive and regressive taxation Shifting of tax burden: Impact and incidence of taxation - Processes- factors influencing incidence of taxation Economic Effects of taxation: on Income and Wealth, Consumption, Savings, Investments and Production. Redistributive and Anti – Inflationary nature of taxation and their implications Public Expenditure: Canons - classification - economic effects of public spending - on production, consumption, distribution, employment and stabilization - Theories of Public Expenditure: Wagner's Hypothesis and Wiseman Peacock Hypothesis - Causes for Public Expenditure Growth. Significance of Public Expenditure: Social security contributions- Low Income Support and Social Insurance Programmes.</p>	15



	Public Debt: Classification - Burden of Debt Finance: Internal and External- Public Debt and Fiscal Solvency	
IV	Public revenue, Public Expenditure and Debt Fiscal Policy: Meaning, Objectives, constituents and Limitations. Contra cyclical Fiscal Policy and Discretionary Fiscal Policy: Principles of Sound and Functional Finance Budget- Meaning objectives and types - Structure of Union budget - Deficit concepts - Fiscal Responsibility and Budget Management Act. Intergovernmental Fiscal Relations: fiscal federalism and fiscal decentralization - central-state financial relations - 14th Finance Commission recommendations	15
	Total	60

Reference Books:

- Dornbusch R. & S. Fischer, Macroeconomics, 11th Edition, Tata-McGraw-Hill Education, 2011.
- Shapiro, Edward, Macroeconomic Analysis, 5th Edition Galgotia Publications Pvt. Ltd, New Delhi, 2017.
- Boulding, Kenneth, Economic Analysis, 3rd Edition, Harper & Row Publication, New York. 1955.
- Mishra S.K. & V.K. Puri, Macroeconomics, Himalaya Publishing House, 2015.
- Ahuja, H.L, Macroeconomics, S. Chand Publishing, New Delhi, 2017.
- Dewett K. K, Modern Economic Theory, S. Chand Publishing, New Delhi, 2012.
- Jhingan M. L, Macroeconomics, Vrinda Publications (P), Limited, 2016.





S. Y. B. Com (BAF)	CORPORATE LAW	Semester III
Credit: 3	CBAF0306	LPW: 4

Objectives:

- Learner will understand relevant definitions, terms, provisions of the Companies Act, 2013.
- Learner will get to know the procedure as to registration of a Company form of organization.
- Understand the intricacies of public issue, issue of security under private placement and rising of funds through issue of deposit and debentures.
- Learner will gain knowledge as to company administration aspect of company through board role, functions, powers and governance.
- Learner will gain knowledge as to inspection, inquiry, investigation of the corporate affairs and legal remedy thereto.
- Learner will understand the scope of insolvency and bankruptcy law in India.

Module	Contents	Lectures
I	The Companies Act 2013 – Definitions -Section 2 Accounting Standard Clause, Auditing Standard Clause, Books of Accounts Clause, Deposit Clause, Financial Year, Foreign Company, Independent Director, Indian Depository Receipts, One Person Company, Related party Transaction, Small Company. Incorporation of companies Memorandum of Association, Articles of Association, Doctrines under Company Law -Section 3 to Section 20	15
II	Issue of Securities /Private Placement / Prospectus Prospectus, Public Offer, Private Placement -Sections 23, 25 to 28, 33, 35, 39,42 Share Capital & Debentures and Acceptance of Deposit -Sections 43, 46, 47, 52 to 56, 61 to 72	15
III	Company Management Appointment, no. of directors, Independent Director, Women Directors, Duties, Resignation, Removal, Dividend, and Corporate-Social Responsibility	15
IV	Inspection, Inquiry and Investigation under Company law and redressal forum – NCLT Winding Up of the Companies by a Tribunal and Voluntary -Sec 271,272,304,305 Introduction to Insolvency and Bankruptcy Laws	15
	Total	60

Reference Books:

- Companies Act, Rules (updated as of 31st March prior to Academic Year)
- Company Law Practice (Student's edition), Taxmann, and New Delhi
- Company Law and Practice, Bharat Publication
- Insolvency and Bankruptcy Act, 2016
- NCLT Practice, Bare Act, rules and circulars upto 31st March, preceding the examination



Second Year B. Com (A&F)

Semester IV

Subject Code	Semester IV	Credit	No of lectures
CSPC0401	Special Course: Science & Technology	3	3
CBAF0401	Financial Accounting IV	4	4
CBAF0402	Organisational Behaviour	3	4
CBAF0403	Cost Accounting II	4	4
CBAF0404	Direct Taxes [Income Tax –I]	4	4
CBAF0405	Management Accounting	3	4
CBAF0406	Research Methodology in Accounting and Finance	3	4
	Total	24	27





<p>CBAF0401 Financial Accounting -IV</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. Understand appropriate basis for allocation of revenue, capital items regarding Profit Prior to Incorporation and applying while solving practical problems.2. Prepare Company Final Accounts as per Indian Companies Act, 2013 in practical manner with notes to accounts.3. Understand provisions regarding redemption of preference shares as per Companies Act, 2013 and applying practically to solve practical problems.4. Understand various types of redemption of debentures and able to understand provisions regarding redemption of debentures.5. Understand provisions regarding buyback of shares as per Companies Act, 2013 and applying practically to solve practical problems. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">6. Determine Profit Prior to Incorporation of a business which has been incorporated as a company as per Companies Act, 2013.7. Apply the formats of Company Final Accounts as per Indian Companies Act, 2013 with notes to accounts.8. Prepare financial statement of the company with reference to provisions regarding redemption of preference shares, issue and redemption of debenture and buyback of shares as per Companies Act, 2013.
<p>CBAF0402 Organizational Behaviour</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. Learner will able to understand the basic concepts, theories and techniques in the field of human behaviour, gauge their effectiveness and apply them judiciously at the individual, group and corporate level.2. Learner will understand behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour.3. To gain knowledge as to building productive teams for the achievement of the goals set by the organisation.4. To understand be equipped to handle groups and understand group dynamics; enhance managerial effectiveness through the understanding of self and others. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand behaviour of individuals and groups in organisations that influence organisational behaviour.2. Gain knowledge as to building productive teams for the achievement of the goals set by the organisation.3. Understand and analyse the behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour.4. Create a positive work environment so as to achieve maximum productivity.
<p>CBAF0403 Cost Accounting II</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To mark learner, understand the difference between cost accounting and financial accounting and prepare reconciliation statement from cost and financial records.2. To enable the learner to get acquainted with the emerging concepts in costing by enabling them to understand the meaning of uniform costing and relevance of inter firm comparison.3. To enable the learner to calculate the costing of service industry like transport, hotel and hospital.4. To enable learner to get acquainted with the terms related to Construction Contracts and enable them to prepare contract account.5. To enable learner to discuss the concepts related to Process Costing and enable them to make Process Accounts and Statements of joint products and by-products. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Examine the reasons for difference in the results of Cost Accounts and Financial Accounts and would be able reconcile cost and financial statements.2. Understand the process of uniform costing and inter firm comparison3. Determine the cost per unit and price per unit of transport, hotel and hospital Services.4. Prepare contract account and understand various aspects of contract costing including treatment of profit on incomplete contracts.



<p>CBAF0404 Direct Taxes</p>	<p>5. Prepare process accounts and statement of joint products and by-products.</p> <p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To make the learner understand the basic concepts, definitions and terms related to direct taxes.2. To make the learner understand the concept of residential status thus making them understands the scope of total income for an assessee with different kinds of residential status.3. To make learner understand the various heads under which income can be earned in India. To make learner understand the procedure for computation of income under various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources. learner will be able to compute income from salaries, house property, business/profession, capital gains and income from other sources4. To help the learner to understand the various deductions under Chap VI-A of the Income tax act, 1961.5. To make the learner determine the net total taxable income of an assessee after reducing the deductions from the gross total income earned from all or any of the five heads of income and also to compute tax based on slab rates.6. To help the learner understand the computation of income and tax for a partnership firm <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Identify the technical terms related to Income Tax2. Determine the residential status of an individual and scope of total income.3. Compute income from salaries, house property, business/profession, capital gains and income from other sources.4. Discuss the various benefits/ deductions under Chapter VI-A of the Income tax act, 1961.5. Compute the net total income of an individual.
<p>CBAF0405 Management Accounting</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To make learner to explain basic concepts, importance and functions of Management Accounting.2. To help the learner to illustrate the format of Vertical Analytical Financial Statements, analyse and interpret Financial Statement.3. To enable learner to calculate the various ratios and interpret it.4. To enable learner to prepare Cash flow statements using indirect method.5. To enable learner to calculate the estimated working capital requirements of the entity. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Explain the significance of basic concept, importance and functions of Management Accounting.2. Illustrate the Vertical format of financial statements, and also tools of financial analysis such as Trend Analysis, Comparative Analysis and Common Size Statement.3. Calculate the various ratios and discuss the significance and use of the various ratios.4. Prepare cash flow statements using indirect method.5. Calculate the estimated working capital requirement of the entity.
<p>CBAF0406 Research Methodology in Accounting and Finance</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To introduce the concept of Research amongst Learner and to enable them to describe the importance of Research.2. To enable learner to evaluate the research design with respect to Accounting and Finance.3. To enable learner to assess the different methods of collection of data and processing of the same.4. To enable learner to interpret the data collected and form conclusions and write a report. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Discuss the concepts of research, its features, objectives, its different types and the formulation of research problem.2. Learn the formulation of hypothesis and also would be aware about the different research designs.3. Assess different methods and sources of data collection and it's processing by use of different software's.4. Acquainted with the various layouts and ways of writing research reports.



S. Y. B. Com (BAF)	SPECIAL COURSE: SCIENCE & TECHNOLOGY	Semester IV
Credit: 3	CSPC0401	LPW: 3

Objective:

- To acquaint and familiarize the learner with the basics of science and technology.
- To acquaint with the contribution of some of the great scientist of the world in their field of Research.
- Modern development in science and technology and thereby promote inter disciplinary study.

Module	Contents	Lectures
I	Introduction to science Origins of Science Use of instruments in scientific investigations Nature of Science Concept of Order and System in science Advances in Science Scientific world view Aim of Science Pure and Applied Science Classification of Sciences Science and Religion Science and Philosophy Science and Astrology Science and Technology	15
II	Contributions of renowned scientists Galileo Galilei Isaac Newton Albert Einstein Charles Darwin Dr. C.V. Raman Dr. Homi Bhabha Recent technological advancement Space Technology Information Technology Laser Technology Biotechnology Genetic Engineering Nano Technology	15
III	Misuse of Science and technology in areas of: Sonography and sex determination tests Synthetic and genetically modified food Cyber Crime Nuclear Power	15
Total		60

Reference Books:

- Prof K T Basantani Science and Technology
- 101 Great Science Experiments by DK
- Science and Technology in Facts and Fiction, A Guide to Young Adult Book by AM Kennedy, Stella S Spangler, Merry Ann
- Science Encyclopaedia, the World of Knowledge
- Scientist, Invention and Discoveries by VS Editorial Board
- Science and Technology Oxford Reference
- Science and Technology Oxford Essential Quotation by Andrew M Coleman Science and Technology City Bibliography



S.Y. B. Com (BAF)	FINANCIAL ACCOUNTING – IV	Semester IV
Credit: 4	CBAF0401	LPW: 4

Objectives:

- Understand appropriate basis for allocation of revenue, capital items regarding Profit Prior to Incorporation and applying while solving practical problems.
- Prepare Company Final Accounts as per Indian Companies Act, 2013 in practical manner with notes to accounts.
- Understand provisions regarding redemption of preference shares as per Companies Act, 2013 and applying practically to solve practical problems.
- Understand various types of redemption of debentures and able to understand provisions regarding redemption of debentures.
- Understand provisions regarding buyback of shares as per Companies Act, 2013 and applying practically to solve practical problems.

Module	Contents	Lectures
I	Ascertainment and Treatment of Profit Prior to Incorporation: Principles for ascertainment Preparation of separate, combined and columnar Profit and Loss Account including different basis of allocation of expenses/ incomes	15
II	Preparation of Final Accounts of Companies. Relevant provisions of Companies Act related to preparation of Final Account (excluding cash flow statement) Preparation of financial statements as per Companies Act. (excluding cash flow statement) AS 1 in relation to final accounts of companies (disclosure of accounting policies)	15
III	Redemption of Preference Shares 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 capitalization of undistributed profits and a combination of both, calculation of minimum fresh issue to provide the fund for redemption, (Question on entries and/or Balance Sheet) Redemption of Debentures Introduction: Provisions of Section 71 (1) and (4) of the Companies Act, 2013, Creation and investment of DRR including The Companies (Share Capital and Debentures) Rules, 2014, the methods of writing-off discount/loss on issue of debentures; Terms of issue of debentures Methods of redemption of debentures: By payment in lump sum and by payment in installments (excluding from by purchase in open market), Conversion. (Question on entries. ledgers and/or Balance Sheet and /or redemption of preference shares)	15
IV	Buyback of Shares 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) Practical problems	15
	Total	60

Reference Books:

- 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
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai



S. Y. B. Com (BAF)	ORGANISATIONAL BEHAVIOUR	Semester IV
	CBAF0402	LPW: 4
Credit: 3		

Objectives:

- Learner will be able to understand the basic concepts, theories and techniques in the field of human behaviour, gauge their effectiveness and apply them judiciously at the individual, group and corporate level.
- Learner will understand behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour.
- To gain knowledge as to building productive teams for the achievement of the goals set by the organisation.
- To understand be equipped to handle groups and understand group dynamics; enhance managerial effectiveness through the understanding of self and others.

Module	Contents	Lectures
I	Introduction Concept and nature of Organizational behaviour; Contributing disciplines to the field of O.B.; O.B. Models; Need to understand human behaviour; Challenges and Opportunities.	15
II	Individual & Interpersonal Behaviour: Biographical Characteristics; Ability; Values; Attitudes-Formation, Theories, Organisation related attitude, Relationship between attitude and behaviour; Personality – determinants and traits; Emotions; Learning- Theories and reinforcement schedules, Perception – Process and errors. Interpersonal Behaviour: Johari Window; Transactional Analysis – ego states, types of transactions, life positions, applications of T.A.	15
III	Group Behaviour & Team Development: Concept of Group and Group Dynamics; Types of Groups; Formal and Informal Groups; Stages of Group Development, Theories of Group Formation; Group Norms, Group Cohesiveness; Group Think and Group Shift. Group Decision Making; Inter Group Behaviour; Concept of Team Vs. Group; Types of teams; Building and managing effective teams. Effective Thinking, Thinking Skills, Thinking Styles, Concept of Six Thinking Hats	15
IV	Organization Culture and Conflict Management: Organizational Culture- Concept, Functions, Socialization; Creating and sustaining culture; Managing Conflict – Sources, types, process and resolution of conflict; Managing Change; Managing across Cultures; Empowerment and Participation.	15
	Total	60

Reference Books:

- Luthans Fred- Organizational Behaviour- Tata McGraw Hill New Delhi 2003.
- Newstrom J. Keith D- Organizational Behaviour- Tata McGraw Hill New Delhi 2003.
- Chhabra T.N & Singh B.P - Organization Behaviour - Sultan Chand & Sons.
- Khanka S.S - Organization Behaviour - Sultan Chand & Sons.
- Prasad L.M. - Organization Behaviour - Sultan Chand & Sons.
- Joseph Weiss - Organization Behaviour and Change - Vikas Publishing house 2004.
- Stephen P. Robbins - Organizational Behaviour - "Prentice Hall of India Pvt Ltd.



S.Y. B. Com (BAF)	COST ACCOUNTING II	Semester IV
Credit: 4	CBAF0403	LPW: 4

Objectives:

- To make learner understand the difference between cost accounting and financial accounting and prepare reconciliation statement from cost and financial records.
- To enable the learner to get acquainted with the emerging concepts in costing by enabling them to understand the meaning of uniform costing and relevance of inter firm comparison.
- To enable the learner to calculate the costing of service industry like transport, hotel and hospital.
- To enable learner to get acquainted with the terms related to Construction Contracts and enable them to prepare contract account.
- To enable learner to discuss the concepts related to Process Costing and enable them to make Process Accounts and Statements of joint products and by-products.

Module	Contents	Lectures
I	Reconciliation of Cost and Financial Accounts: Practical problems based on reconciliation of cost and Financial accounts Uniform Costing and Inter- Firm Comparison: Uniform costing: Meaning of and need for uniform Costing Essentials for Success of uniform Costing Advantages and Limitation of Uniform Manual Inter Firm Comparison: Pre- requisites of inter firm comparison Advantages and Limitations Practical Problem	15
II	Operating Costing: Meaning of operating Costing; Determination of per unit cost; Pricing of services Collection of costing data Note-Practical problems based on costing of hospitals, hotels, goods and passengers transport service	15
III	Contract Costing 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, practical problems	15
IV	Process Costing Process loss, Abnormal gains and losses, Joint products and by products. Excluding Equivalent units, Inter-process profit Practical problems Process Costing and joint and by products	15
Total		60

Reference Books:

- N.K. Prasad (1990), Cost Accounting.
- B.Battacharya (2001), Costing.
- C Horngren and Datar (2009) Cost and Management Accounting.
- Ainapure and Ainapure (2017) Cost Accountancy, Manan Prakashan, VileParle(East) , Mumbai.



S.Y. B. Com (BAF)	DIRECT TAXES (INCOME TAX -I)	Semester IV
Credit: 4	CBAF0404	LPW: 4

Objectives:

- To make the learner understand the basic concepts, definitions and terms related to direct taxation.
- To make the learner understand the concept of residential status thus making them understands the scope of total income for an assessee with different kinds of residential status.
- To make learner understand the various heads under which income can be earned in India. To make students understand the procedure for computation of income under various heads namely income from salaries, house property, business/ profession, capital gains and income from other sources. Students will be able to compute income from salaries, house property, business/profession, capital gains and income from other sources.
- To help the learner to understand the various deductions under Chap VI-A of the Income tax act, 1961.
- To make the learner determine the net total taxable income of an assessee after reducing the deductions from the gross total income earned from all or any of the five heads of income and also to compute tax based on slab rates.
- To help the learner understand the computation of income and tax for a partnership firm.

Module	Contents	Lectures
I	<p>Definitions us-2, Basis of Charge and Exclusions from Total Income, Deductions under Chapter VI – A</p> <p>Definitions u/s – 2: Section 2 – Assessee, Assessment Year, Assessment, Annual value, Business, Capital asset, Income, Person, Previous Year, Transfer</p> <p>Basis of Charge: Section 3 – 9 – Previous Year, Residential Status, Scope of Total Income, Deemed Income</p> <p>Exclusions from Total Income: Section 10 – restricted to, Agricultural Income, Sums Received from HUF by Member, Share of Profit from Firm, Casual & Non – Recurring Receipts, Scholarships, Income of Minor Child, Allowance to Members of Parliament and Legislative Assembly.</p> <p>Note -Exemptions related to specific Heads of Income to be covered with Relevant Provisions.</p>	15
II	<p>Various Heads of Income Salary Income: Section 15 – 17, Including Section 10 relating to House Rent Allowance, Travel Concession, Special Allowance, Gratuity, Pension – Commutation, Leave Encashment, Compensation, Voluntary Retirement, Payment from Provident Fund</p> <p>Income from House Property: Section 22 – 27, Including Section 2 – Annual Value</p> <p>Profits & Gains from Business & Profession: Vocation Section 28-32, 36, 37, 40, 40A, 43B, 44AD, 44ADA & 44AE including.: Section 2 – Business</p> <p>Capital Gains: Section 45, 48, 49, 50, 54 and 55</p> <p>Income from Other Sources: Section 56 – 59</p>	15
III	<p>Deductions under Chapter VI A</p> <p>80 A- Restriction on claim in Chapter VI- A deductions 80 C – Payment of LIC/PF and other eligible investments 80CCC – Contribution to certain Pension Fund</p> <p>80D – Medical Insurance Premium</p> <p>80 DD- Maintenance and medical treatment of handicapped dependent 80E – Interest on Educational Loan</p> <p>80 TTA- Interest on Saving Bank account</p> <p>80U – Deduction in the case of totally blind or physically handicapped or mentally retarded resident person</p>	15



IV	Computation of Total Income Computation of Total Income of Individual and HUF with respect to above heads and deductions	15
	Total	60

Reference Books:

- Direct Taxes Law & Practice by V.K. Singhania –Taxmann.
- Systematic Approach to Direct Tax by Ahuja & Gupta - Bharat Law House.
- Income Tax Ready Reckoner by Dr.V.K. Singhania –Taxmann.
- Direct Tax Laws by T.N. Manoharan - Snow White.

Note:

Relevant Law / Statute in force on 1st April immediately preceding commencement of Academic Year is applicable for ensuing examinations after relevant year.

The syllabus is restricted to study of particular section/s, specifically mentioned rules and notifications only.





S.Y. B. Com (BAF)	MANAGEMENT ACCOUNTING	Semester IV
Credit: 3	CBAF0405	LPW: 4

Objectives:

- To help learner to explain basic concepts, importance & functions of Management Accounting.
- To help the learner to illustrate the format of Vertical Analytical Financial Statements, analyse and interpret Financial Statement.
- To enable learner to calculate the various ratios and interpret it.
- To enable learner to prepare Cash flow statements using indirect method.
- To enable learner to calculate the estimated working capital requirements of the entity.

Module	Contents	Lectures
I	Introduction to Management Accounting & Analysis and Interpretation of Accounts Meaning, Features, Scope, Importance, Functions, role of Management Accounting, Management Accounting Framework, Tools, Management Accounting and Financial Accounting Vertical Forms of Balance Sheet and Profit and Loss Account suitable for analysis, Trend Analysis, Comparative Statement, Common Size Statement NOTE: Practical Problems based on the above	15
II	Financial Statement Analysis 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: Current Ratio, Liquid Ratio, Stock Working Capital Ratio, Proprietary Ratio, Debt Equity Ratio, Capital Gearing Ratio Revenue Statement Ratios: Gross Profit Ratio, Expenses Ratio, Operating Ratio, Net Profit Ratio, Net Operating Profit Ratio, 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, Dividend Payout Ratio, Debt Service Ratio, Debtors Turnover, Creditors Turnover.	15
III	Cash Flow Analysis Preparation of Cash Flow Statement with reference to Accounting Standard No .3. (Indirect method only)	15
IV	Working Capital management Concept, Nature of Working Capital, Planning of Working Capital Estimation / Projection of Working Capital Requirement in case of Trading and Manufacturing Organization Operating Cycle Practical Problems	15
	Total	60

Reference Books:

- Principles of Corporate Finance – Richard A Brealey, Stewart Myers, Franklin Allen, McGraw-Hill / Irwin; 2007.
- Financial management – Prasanna Chandra, Tata McGraw-Hill Education, 2007.
- Investments – Zvi Bodie, Alex Kane, Alan J. Marcus, Pitabas Mohanty, McGraw-Hill India, 2015.
- Management Accounting by Khan & Jain, Tata McGraw.
- Management Accounting by R. P. Resstogi.
- Introduction to Management Accounting, Semester V – Ainapure and Ainapure, Manan Prakashan.



S.Y. B. Com (BAF)	RESEARCH METHODOLOGY IN ACCOUNTING AND FINANCE	Semester IV
Credit: 3	CBAF0406	LPW: 4

Objectives:

- To introduce the concept of Research amongst learner and to enable them to describe the importance of Research.
- To enable learner to evaluate the research design with respect to Accounting & Finance.
- To enable learner to assess the different methods of collection of data and processing of the same.
- To enable learner to interpret the data collected and form conclusions and write a report.

Module	Contents	Lectures
I	Introduction to Research 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. Formulation of research problem: Meaning and Selection Review of Literature	15
II	Research Design in Accounting and Finance Meaning of Introduction, Need, and Good research design. Hypothesis: Formulation, Sources, Importance and Types Different Research designs	15
III	Data Collection and Processing 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, Factors determining 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	15
IV	Interpretation and Report Writing Meaning and techniques of interpretation, Research Report Writing: Importance, Essentials, Structure/ layout, Types	15
	Total	60

Reference Books:

- Research Methods in Accounting, Malcolm Smith.
- Research Methods and Methodology in Finance and Accounting, by Viv Beattie and Bob Ryan.
- 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.



St. Xavier's College (Autonomous)
Mumbai

Affiliated to
UNIVERSITY OF MUMBAI

TY B. Com (A&F) Courses
at Semester V and VI

Program: B.Com. (Accounting and Finance)



Third Year B. Com (A&F)

Semester V

Subject Code	Semester V	Credit	No of lectures
CBAF0501	Financial Accounting V	5	4
CBAF0502	Indian Economy	4	4
CBAF0503	Business Analytics	4	4
CBAF0504	Direct Taxes [Income Tax-II]	4	4
CBAF0505	Cost Accounting III	4	4
CBAF0506	Security Analysis and Portfolio Management	4	4
CBAF0507	Operation Research	4	4
CBAF0508	Financial Analysis and Business Valuation	4	4
CBAF0509	Project Work based on Internship	3	
	Total	28	24





<p>CBAF0501 Financial Accounting – V</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to understand the concept of underwriting of shares and debentures and its importance.2. To enable learner to understand the concept, types of amalgamation i.e absorption, merger, external reconstruction and their differences.3. To enable learner to understand meaning and applicability of internal reconstructions and requirement of company law in such cases.4. To enable learner to understand meaning and types of liquidation and legal provisions therein.5. The learner will get the comprehensive understanding of accounting of transactions of Foreign Currency. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Get acquainted with provision, process and entries of underwriting of shares and debentures.2. Record journal entries in case of Amalgamation, Absorption, External and Internal reconstruction of joint stock companies.3. Record entries in books of accounts in case of liquidation of joint stock companies.4. Apply AS 11 while accounting for transaction involving Foreign Currency.
<p>CBAF0502 Indian Economy</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to understand the agricultural sector of our country in detail.2. To enable learner to understand growth of industrial and service sectors along with the advantages, disadvantages and challenges.3. To enable learner to understand monetary and banking aspects in economy. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Consider various aspects of Indian Economy and its impact on development of an economy.2. Evaluate the various aspects of Agriculture Sector, Industrial Sector and Service Sector and its contribution in overall development of the country.3. Understand impact of external sectors and international institutes on the overall economic development.4. Evaluate implications of money supply, RBI and SEBI policies on capital formation and growth of the economy.
<p>CBAF0503 Business Analytics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To demonstrate knowledge of basic concepts and terminologies in business analytics.2. To dissect vast data into meaningful information.3. To deduce a business problem into clearly defined and articulated problem statement for assessment. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Use business analytics tools and techniques in managerial decision making.2. Evaluate business problems through use of techniques of mathematical modelling.3. Analyse complex work-related situations for effective decision making.
<p>CBAF0504 Direct Taxes</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To help learner explain the emergence of provisions of clubbing and curbing of ways of tax evasion.2. To help learner apply the concept of set off and carry forward of losses.3. To acquaint learner with computation of tax liability of Individuals and Hindu Undivided Family.4. To acquaint learner with computation of income of Partnership Firm.5. To make learner aware of the concept of return of income.6. To introduce the concept of TDS, Advance Tax and Interest payable w.r.t. Income tax and acquaint with different Provisions.7. To help learner examine the provisions of DTAA and its need.8. To help learner understand the meaning of Tax Planning and the concept of Ethics in taxation. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p>



	<ol style="list-style-type: none">9. Examine the need for introduction of clubbing in Income tax and they would be aware of the different clubbing provisions.10. Apply Clubbing of Income, Set Off And Carry Forward of Losses And Deduction under Chapter VI – A.11. Compute total income of an individual including all heads of Income to get employed in the file of filing tax returns.12. Recall and discuss different provisions of TDS and their rates. They would compute advance tax. They would also discuss the levy of interest under different sections of the Income Tax Act.13. Appreciate the need for DTAA and would be aware of the provisions of the same.14. Compare and contrast tax planning vis-à-vis tax evasion and tax avoidance.
<p>CBAF0505 Cost Accounting – III</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable the learner to get acquainted with the emerging concepts in costing by enabling them to understand the meaning of uniform costing and relevance of inter firm comparison.2. To enable the learner to calculate the costing of service industry like transport, hotel and hospital.3. To enable learner to calculate the cost of a product when more than one process is used to manufacture the product.4. To enable learner to understand the cost allocation technique using the activities as cost drivers. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand and implement integrated and non-integrated system of accounts of an entity.2. Study and analyse the activity based costing system implemented in an organisation.3. Implement absorption and marginal costing in an organisation and analyse it.4. Perform standard costing and variance analysis in decision making process of an organisation.
<p>CBAF0506 Security Analysis and Portfolio Management</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To introduce the concept of Portfolio Management and make Learner acquainted with the process.2. To enable learner to explain the concepts of portfolio revision and portfolio evaluation.3. To enable learner to explain the fundamental analysis required to be done for building up an ideal portfolio.4. To enable learner to be acquainted with the various techniques used for doing technical analysis for the purpose of portfolio management.5. To enable learner to manipulate and describe various theories in Portfolio Management. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Appreciate the importance of forming a portfolio of investments with varied risk and reward patterns. They would differentiate and discuss various portfolio management models2. Infer and describe the need of portfolio evaluation and portfolio revision.3. Appreciate and understand the need of various fundamental analyses in developing and managing a portfolio.4. Acquainted with various technical analysis tools like Charts, Patterns and other mathematical and market indicators.5. Describe various efficient market theories w.r.t. to managing a portfolio.
<p>CBAF0507 Operation Research</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. Learner to enable understand advanced analytical methods of decision making.2. Learner to recognize techniques such as mathematical modelling to analyse complex work-related situations.3. Learner to use techniques such as mathematical modelling to analyse complex work-related situations. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Advanced analytical methods of decision making.2. Evaluate problems through us of techniques of mathematical modelling to analyse complex work-related situations.



	<p>3. Use techniques such as mathematical modelling to analyse complex work-related situations.</p>
<p>CBAF0508 Financial Analysis and Business Valuation</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> 1. To make learner understand the concept of financial modelling, techniques of forecasting in matter of project appraisal. 2. To make learner assess and analysis of financial statements for decision making. 3. To make learner acquainted with concept of growth analysis and parameters of sustainable earning. 4. To make learner get well versed with concept of Business valuation, valuation models, and modalities in valuation 5. To make learner through examples valuation of identified assets and liabilities. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Understand the concept of financial modelling for project appraisal and various techniques of forecasting. 2. Use knowledge of accounting and financial management to undertake analysis of financial statements for decision making. 3. Understand in detail the concept of growth analysis and parameters of sustainable earning. 4. Conversant with the concept of Business valuation, valuation models, and modalities in valuation through practical examples
<p>CBAF0509 Project Work Based on Internship</p>	<p><u>LEARNING OBJECTIVE:</u></p> <ol style="list-style-type: none"> 1. To make the learner employable. 2. To help the learner understand the application of subject knowledge in practical life. 3. To foster the learner with required skill development. 4. To enable the learner to get exposed to work culture and understand the corporate. <p><u>COURSE OUTCOME:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Grab the opportunity to work in the office environment and become employable. 2. Evaluate the various situations that arise in a corporate world and to apply the concepts in real life. 3. Explore a career path and network with professionals in the field. They can apply their theoretical knowledge in the work field and develop skills to maneuverer the corporate world. 4. Discuss the various experiences to the mentors and report it in a systematic manner, demonstrate the same through power point presentation and viva.



T.Y. B. Com (BAF)	FINANCIAL ACCOUNTING – V	Semester V
Credit: 5	CBAF0501	LPW: 4

Objective:

- To enable learner to understand the concept of underwriting of shares and debentures and its importance.
- To enable learner to understand the concept, types of amalgamation i.e absorption, merger, external reconstruction and their differences.
- To enable learner to understand meaning and applicability of internal reconstructions and requirement of company law in such cases.
- To enable learner to understand meaning and types of liquidation and legal provisions therein.
- The learner will get the comprehensive understanding of accounting of transactions of Foreign Currency.

Module	Contents	Lectures
I	Underwriting of shares and debentures Introduction, Underwriting, Underwriting Commission, Provision of Companies Act with respect to Payment of underwriting commission Underwriters, Sub-Underwriters, Brokers and Manager to issues, Types of underwriting, Abatement Clause, Marked, Unmarked and Firm-underwriting applications, Liability of the underwriters in respect of underwriting contract. (Practical problems)	15
II	AS – 14 - Amalgamation, Absorption & External Reconstruction (excluding inter – company holding) In the nature of merger and purchase with corresponding accounting treatments of pooling of interests and purchase method respectively. Meaning and Computation of purchase consideration. Problems based on purchase method only. (Practical Problems)	15
III	Internal Reconstruction Need for reconstruction and company law provisions. Distinction between internal and external reconstruction. Methods including alteration of share capital, variation of shareholder rights, sub division, consolidation, surrender and reissue / cancellation, reduction of share capital with relevant legal provisions and accounting treatment for same. (Practical Problems)	15
IV	Liquidation of Companies Meaning of liquidation or winding up Preferential payments, Overriding preferential payments, Preparation of statement of affairs, deficit / surplus account Liquidator's final statement of account. (Practical Problems) Accounting of Transactions of Foreign Currency In relation to purchase and sale of goods, services and assets and loan and credit transactions. Computation and treatment of exchange rate differences	15
	Total	60

Reference Books:

- 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
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai



T.Y. B. Com (BAF)	INDIAN ECONOMY	Semester V
Credit: 4	CBAF0502	LPW: 4

Objectives:

- To enable learner to understand the agricultural sector of our country in detail.
- To enable learner to understand growth of industrial, service sectors along with the advantages, disadvantages and challenges.
- To enable learner to understand monetary and banking aspects in economy.

Module	Contents	Lectures
I	Introduction Agricultural Sector Introduction Demographic features- Poverty, Income inequality and Unemployment Urbanization and its effects Agricultural Sector Institutional Structure- Land reforms in India Technological changes in agriculture Agricultural pricing and agricultural finance Agricultural marketing National agricultural policy	15
II	Industrial Sector Growth and pattern of industrialization Industrial Policy of 1991. Public sector enterprises and disinvestment policy Small scale sector- problems and prospects	15
III	Service Sector and External Sector Service Sector Nature and scope of service industry Recent trends in Banking industry, Insurance Industry, Healthcare Industry and Tourism Industry External Sector Structure and directions of Foreign trade India's Balance of payments since 1991 FDI, foreign capital and transnational companies in India. Role and impact of SAARC, ASEAN and WTO	15
IV	Money and Banking Money market and its features Monetary policy of RBI Progress of commercial banking in India Development of capital markets SEBI and its functions	15
	Total	60

Reference Books:

- Indian Economic Survey Reports (Annual), Ministry of Finance, and Government of India.
- Indian Economy by Misra and Puri, Himalaya Publishing House – Delhi.
- Gaurav Dutt & Ashwini Mahajan, (2016) Indian Economy, S.Chand& company PVT LTD New Delhi
- A.N.Agarwal – Indian Economy problems of Development and Planning New Age International Publisher.
- RuddarDatt K.P.M Sundharam – Indian Economy S. Chand E-co LTD. Delhi.



T.Y. B. Com (BAF)	BUSINESS ANALYTICS	Semester V
Credit: 4	CBAF0503	LPW: 4

Objectives:

- To demonstrate knowledge of basic concepts and terminologies in business analytics.
- To dissect vast data into meaningful information.
- To deduce a business problem into clearly defined and articulated problem statement for assessment.

Module	Contents	Lectures
I	Introduction to Business Analytics, Data Bases, Data Warehousing and Data Mining Concept of analytics, Types of Analytics, Application fields - Marketing Analytics, Finance Analytics, HR Analytics, Operation Analytics, organisation and source of data, importance of data quality, dealing with missing or incomplete data, Role of Data Scientist in Business & Society. Types of Data Sources- Structured Vs Semi Structured Vs Unstructured data, Data Warehouse Vs Databases, Relational Database Vs Non- Relational Database, RDBMS Data structures, Columnar Data structures. Data Mining meaning, Association Rules and clustering, Decision trees, Random forests.	15
II	Analytics Methodology Introduction to Analytics Methodology, preparing objectives & identifying data requirements, Data Collection, Understanding data, Data preparation – Data Cleansing, Normalisation, Data preparation, Data Blending, Data Modeling, Evaluation & feedback	15
III	Visualisation of Data Introduction, Data summarization methods; Tables, Graphs, Charts, Histograms, Frequency distributions, Relative Frequency Measures of Central Tendency and Dispersion; Box Plot; Basic probability concepts, conditional probability, Probability distributions, Continuous and discrete distributions, sequential decision making.	15
IV	Business Analytics Future Trends Role of Artificial Intelligence in Business, Machine Intelligence, Competitive Intelligence, Text Mining, Web Analytics (Web content mining, Web usage mining, Web structure mining), Role of Intelligent Agents in e- business, e-commerce, m- commerce, Location Analytics, Intelligent Agent in search & retrieval, Personalization and Comparison), Social Networking Analysis, Big Data Tools & Techniques, Content Analytics (Sentimental Analysis & Opinion Analysis). Ethical and Legal considerations in Business Analytics	15
	Total	60

Reference Books:

- Data Mining: Concepts and Techniques”, Morgan Kaufmann Publication.
- Turban E, Armson, JE, Liang, TP & Sharda, Decision support and Business Intelligence Systems, John Wiley & Sons.
- Efraim Turban, Ramesh Sharda, Jay Aronson, David King, Decision Support and Business Intelligence Systems, Pearson Education.



T.Y. B. Com (BAF)	DIRECT TAXES [INCOME TAX –II]	Semester V
Credit: 4	CBAF0504	LPW: 4

Objectives:

- To help learner to explain the emergence of provisions of clubbing and curbing of ways of tax evasion.
- To help learner to apply the concept of set off and carry forward of losses.
- To acquaint learner with computation of tax liability of Individuals and Hindu Undivided Family.
- To acquaint learner with computation of income of Partnership Firm.
- To make learner, aware of the concept of return of income.
- To introduce the concept of TDS, Advance Tax and Interest payable w.r.t. Income tax and acquaint with different Provisions.
- To help learner to examine the provisions of DTAA and its need.
- To help learner to understand the meaning of Tax Planning and the concept of Ethics in taxation.

Module	Contents	Lectures
I	Clubbing of Income Set – Off & Carry forward of losses	15
II	Computation of Tax liability of Individual & HUF Computation of Income of Partnership Firm in Relation to Sec: 40(b) & Tax Thereon with Applicable Rate of Tax	15
III	Return of Income – Sec 139 [Excluding u/s 139(4A), 139(4B), 139(4C) & 139 (4D)] Tax Deduction at Source Advance Tax U/S 207, 208, 209, 210 & 211 Interest Payable U/S 234A, 234B, 234C Basic Aspects of Deduction of Taxes at Source Sec:192 – TDS on Salary Sec:194A–TDS on Interest Sec: 194C – TDS on ContractorSec: 194H – TDS on Commission Sec: 194I – TDS on Rent Sec: 194J – TDS on Professional Fees Advance Tax U/S 207, 208, 209, 210 & 211 Sec: 207 –Income Liable to Advance Tax Sec: 208 – Liability of Advance TaxSec: 209 – Computation of Advance Tax Sec: 210 – Payment of Advance Tax by Assessee on His Own Account Sec: 211 – Due Datesof Payment of Advance Tax Interest Payable U/S 234A, 234B, 234C Sec:234A–Interest for default in furnishing return of income Sec: 234B– Interest for default in payment of advance tax Sec: 234C – Interest for deferment of advance tax	15
IV	DTAA u/s 90 & 91 Tax Planning and Management	15
Total		60

Reference Books:

- Direct Taxes Law & Practice by V.K. Singhania –Taxmann.
- Systematic Approach to Direct Tax by Ahuja & Gupta - Bharat Law House.
- Income Tax Ready Reckoner by Dr.V.K. Singhania –Taxmann.
- Direct Tax Laws by T.N. Manoharan - Snow White.

Note:

Relevant Law / Statute in force on 1st April immediately preceding commencement of Academic Year is applicable for ensuing examinations after relevant year.

The syllabus is restricted to study of particular section/s, specifically mentioned rules and notifications only.



T. Y. B. Com (BAF)	COST ACCOUNTING III	Semester V
Credit: 4	CBAF0505	LPW: 4

Objectives:

- To enable the learner to get acquainted with the emerging concepts in costing by enabling them to understand the meaning of uniform costing and relevance of inter firm comparison.
- To enable the learner to calculate the costing of service industry like transport, hotel and hospital.
- To enable learner to calculate the cost of a product when more than one process is used to manufacture the product.
- To enable learner to understand the cost allocation technique using the activities as cost drivers.

Module	Contents	Lectures
I	Integrated System and Non- Integrated System of Accounts: Integrated System: Meaning; Features, Advantages and Disadvantages Journal Entries and Preparing Integrated Ledgers. Practical problems Non-Integrated system: Meaning; Features, Advantages and disadvantages Journal entries and Preparing Cost Control Accounts Practical problems	15
II	Activity Based Costing – Introduction, Advantages, Limitations, Identification of cost drivers, Practical Problems on Traditional V/s Activity Based Costing System.	15
III	Absorption Costing and Marginal Costing Cost Volume and Profit Analysis Absorption Costing and Marginal Costing Meaning of absorption costing, Introduction to marginal costing Distinction between absorption costing and marginal costing Advantages and limitations of marginal costing Cost Volume and Profit Analysis Break even analysis meaning and graphic presentation Margin of safety Key factor, Practical problems based on using the marginal costing formulae and key factor	15
IV	Standard Costing and Variance Analysis Preliminaries in installing of a standard cost system Material Cost variance, Labour cost variance Variable overhead variances Fixed Overhead Variances Sales variances, Profit variances Practical problems	15
	Total	60

Reference Books:

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



T.Y. B. Com (BAF)	SECURITY ANALYSIS & PORTFOLIO MANAGEMENT	Semester V
Credit: 4	CBAF0506	LPW: 4

Objectives:

- To introduce the concept of Portfolio Management and make learner acquainted with the process.
- To enable learner to explain the concepts of portfolio revision and portfolio evaluation.
- To enable learner to explain the fundamental analysis required to be done for building up an ideal portfolio.
- To enable learner to be acquainted with the various techniques used for doing technical analysis for the purpose of portfolio management.
- To enable learner to manipulate and describe various theories in Portfolio Management.

Module	Contents	Lectures
I	Portfolio Management – An Introduction & Process Investment - Meaning, Characteristics, Objectives, Investment V/s Speculation, Investment V/s Gambling and Types of Investors Portfolio Management – Meaning, Evolution, Phases, Role of Portfolio Managers, Advantages of Portfolio Management. Investment Environment in India and factors conducive for investment in India. Portfolio Analysis – Meaning and its Components, Calculation of Expected Return and Risk, Calculation of Covariance, Risk – Return Trade off. Portfolio Selection – Meaning, Feasible Set of Portfolios, Efficient Set of Portfolios, Selection of Optimal Portfolio, Markowitz Model, Limitations of Markowitz Model, Measuring Security Return and Portfolio Return and Risk under Single Index Model and Multi Index Model.	15
II	Portfolio Management – Valuation Portfolio Revision – Meaning, Need, Constraints and Strategies. Portfolio Evaluation – Meaning, Need, Measuring Returns (Sharpe, Treynor and Jensen Ratios) and Decomposition of Performance	15
III	Fundamental Analysis Economy Analysis – Meaning, Framework, Economic Analysis, Forecasting, Barometric or Indicator Approach, Econometric Model Building and Opportunistic Model Building. Industry Analysis – Concept of Analysis, Industry Life Cycle, Industry characteristics Company Analysis – Financial Statements, Analysis of Financial Statements, (Practical questions on Debt equity ratios, total debt ratio, proprietary ratios, interest coverage ratio, Profitability ratios related to sales, investment and equity shares Efficiency or Activity Ratios) and Assessment of risk (Leverages) Technical Analysis Dow Theory Meaning and Principles of Technical Analysis, Price Chart, Line Chart, Bar Chart, Japanese Candlestick Chart, Trends and Trend Reversals, Chart Patterns, Support and Resistance, Reversal Patterns, Continuation Patterns and Elliot Wave Theory Mathematical Indicators – Calculation of Moving Averages (Simple and Exponential Moving Average), Oscillators and Relative Strength Index Market Indicators Fundamental Analysis V/s Technical Analysis	15
IV	Efficient Market Theory & CAPM Random Walk Theory The Efficient Market Hypothesis Forms of Market Efficiency Competitive Market Hypothesis	15



	CAPM–Fundamental Notions of Portfolio Theory, Assumption of CAPM, Efficient Frontier with Riskless Lending and Borrowing, Capital Market Line, Security Market Line and Pricing of Securities with CAPM. Arbitrage Pricing Theory (APT) – The Return Generating Model, Factors Affecting, Stock Return, Expected Return on Stock, APT V/s CAPM.	
	Total	60

Reference Books:

- Blake, David 1992, Financial Market Analysis, McGraw Hill London.
- Francis J.C Investments, Analysis and Management McGraw Hill New York.
- Pistoletto Clifford Using Technical Analysis Vision Books.
- Reilly Frank K and Keith Brown Investment Analysis and Portfolio Management.





T.Y. B. Com (BAF)	OPERATION RESEARCH	Semester V
Credit: 4	CBAF0507	LPW: 4

Objectives:

- Learner to enable understand advanced analytical methods of decision making.
- Learner to recognize techniques such as mathematical modelling to analyse complex work-related situations.
- Learner to use techniques such as mathematical modelling to analyse complex work-related situations.

Module	Contents	Lectures
I	Introduction to Operation Research Definition of operations research, models of operations research, scientific methodology of operations research, scope of operations research, importance of operations research in decision making, role of operations management, limitations of OR. Linear Programming Introduction – Mathematical formulation of a problem – Graphical solutions, standard forms the simplex method for maximization and minimization problems. Method application to management decisions. Transportation problem – Introduction – Initial basic feasible solution - NWC method – Least cost method – Vogel’s method – MODI – moving towards optimality – solution procedure without degeneracy	15
II	Transportation and Assignment – Theory & Problems Transportation and Assignment problem – Algorithm – Hungarian method – simple problems.	15
III	Sequencing and replacement model Sequencing and replacement model: Sequencing problem – processing through 2 machines, 3 machine – s jobs and k machines and traveling salesman problem. Replacement of items that deteriorate gradually – with time, without time, that fails completely – individual replacement – group replacement.	15
IV	Network models and simulation Network models and simulation. Network models for project analysis CPM; Network construction and time analysis; cost time trade off, PERT – problems.	15
Total		60

Reference Books:

- Taha H.A, “Operations Research – An introduction 6th Edition, Prentice – Hall of India.
- Kapoor V.K., “Operations Research Techniques for Management 7th Edition”, Sultan Chand & Sons.
- Kantiswarup, “Operations Research 9th Edition”, Gupta P.K. & Sultan Chand & Sons Manmohan.
- Sharma S.D., “Operations Research” 8th Edition”, Kedarnath, Ramnath & Company.
- 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., PERT & CPM, “Principles & Applications 3rd Edition”, Affiliated East-West Press Pvt. Ltd.
- Wagener H.M., “Principles of Operations Research. 2nd Edition”, Prentice – Hall of India.



T.Y. B. Com (BAF)	FINANCIAL ANALYSIS AND BUSINESS VALUATION	Semester V
Credit: 4	CBAF0508	LPW: 4

Objectives:

- To make learner understand the concept of financial modelling, techniques of forecasting in matter of project appraisal.
- To make learner assess and analysis of financial statements for decision making.
- To make learner acquainted with concept of growth analysis and parameters of sustainable earning.
- To make learner get well versed with concept of Business valuation, valuation models, and modalities in valuation
- To make learner through examples valuation of identified assets and liabilities.

Module	Contents	Lectures
I	Financial Modeling for Project Appraisal Financial Modeling – concepts and application Use of functions -NPV and IRR Forecasting Techniques Financial Analysis Financial Analysis, Financial Statement Analysis, Analysis of Balance Sheet Analysis of Income Statement Analysis of Statement of Shareholder Equity Analysis of Cash flow Statement Analysis of Profitability	15
II	Growth Analysis and Sustainable Earning Concept of Growth Analysis Analysis of changes in profitability and sustainable earnings Evaluation of P/B ratios and P/E ratios Basics of Valuation Introduction to valuation Value, Distinction between Price and Value Foundation of Business Valuation Purpose of business Valuation Valuation Bias Uncertainties in Business Valuation Role of valuation in business acquisition, legal and tax purposes, efficient market hypothesis	15
III	Valuation Models Introduction to valuation models: asset-based approach, Income based approach, market-based approach Discounted cash flow valuation Relative valuation Free Cash Flow valuation	15
IV	Valuation of Assets and Liabilities Valuation of Fixed Assets, Valuation of Inventories and Valuation of Investment Valuation of Shares Valuation of Goodwill, Patents, Copyrights, Brands, Real Estate Valuation of Liabilities	15
	Total	60

Reference Books:

- Valuation: Measuring and managing the value of Companies: Thomas Copeland- Wiley.
- The Handbook of Advance Business Valuation: Robert F Reilly and Robert Swhweish: Mc Graw hill.
- Business Valuation: Pitabas Mohanty- Taxmann.
- Valuation- Measuring and managing the value of Companies: Tim Koller- Mc Kinsey & Co.



Project Guidelines

B.Com. (Accounting and Finance) Programme Guidelines for Project Work

Third Year Semester V





Introduction:

Inclusion of project work in the course curriculum of the B.Com. (Accounting & Finance) programme is one of the ambitious aspects in the programme structure. The main objective of inclusion of project work is to inculcate the element of research analyse and scientific temperament challenging the potential of learner as regards to his/ her eager to enquire and ability to interpret particular aspect of the study. It is expected that the guiding teacher should undertake the counselling sessions and make the awareness among the learners about the methodology of formulation, preparation and evaluation pattern of the project work.

There are two modes of preparation of project work

Project work based on research methodology in the study area

Project work based on internship in the study area

Guidelines for preparation of Project Work:

General guidelines for preparation of project work based on -Research Methodology

The project topic may be undertaken in any area of Elective Courses.

Each of the learner has to undertake a Project individually under the supervision of a teacher- guide.

The learner shall decide the topic and title which should be specific, clear and with definite scope in consultation with the teacher-guide concerned.

University/college shall allot a guiding teacher for guidance to the students based on her / his specialization.

The project report shall be prepared as per the broad guidelines given below:

Font type: Times New Roman

Font size: 12-For content, 14-for Title

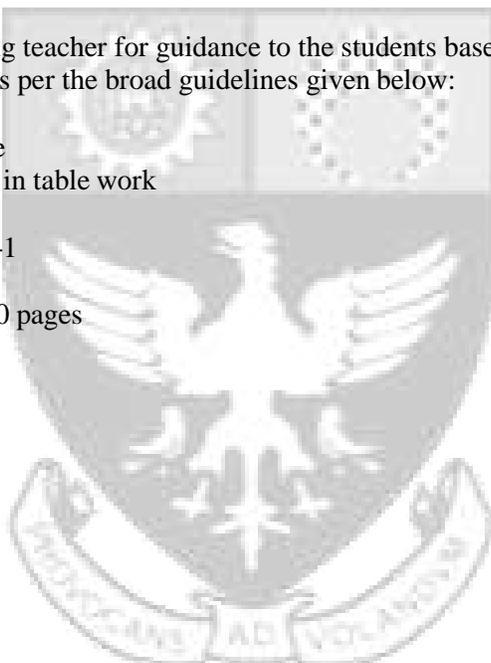
Line Space: 1.5-for content and 1-for in table work

Paper Size: A4

Margin: in Left-1.5, Up-Down-Right-1

The Project Report shall be bounded.

The project report should be 80 to 100 pages





Format

1st page (Main Page)

Title of the problem of the Project

A Project Submitted to
University of Mumbai for partial completion of the degree of Bachelor in Commerce (Accounting and Finance)
Under the Faculty of Commerce

By

Name of the Learner

Under the Guidance of

Name of the Guiding Teacher

Name and address of the College

Month and Year

2nd Page

This page to be repeated on 2nd page (i.e. inside after main page)



On separate page
Index

Chapter No. 1 (Sub point 1.1, 1.1.1, And so on)	Title of the Chapter	Page No.
Chapter No. 2	Title of the Chapter	
Chapter No. 3	Title of the Chapter	
Chapter No. 4	Title of the Chapter	
Chapter No. 5	Title of the Chapter	

List of tables, if any, with page numbers. List of Graphs, if any, with page numbers. List of Appendix, if any, with page numbers. Abbreviations used:





Structure to be followed to maintain the uniformity in formulation and presentation of Project Work
(Model Structure of the Project Work)

Chapter No. 1: Introduction

In this chapter Selection and relevance of the problem, historical background of the problem, brief profile of the study area, definition/s of related aspects, characteristics, different concepts pertaining to the problem etc. can be incorporated by the learner.

Chapter No. 2: Research Methodology

This chapter will include Objectives, Hypothesis, Scope of the study, limitations of the study, significance of the study, Selection of the problem, Sample size, Data collection, Tabulation of data, Techniques and tools to be used, etc can be incorporated by the learner.

Chapter No. 3: Literature Review

This chapter will provide information about studies done on the respective issue. This would specify how the study undertaken is relevant and contribute for value addition in information/ knowledge/ application of study area which ultimately helps the learner to undertake further study on same issue.

Chapter No. 4: Data Analysis, Interpretation and Presentation

This chapter is the core part of the study. The analysis pertaining to collected data will be done by the learner. The application of selected tools or techniques will be used to arrive at findings. In this, table of information's, presentation of graphs etc. can be provided with interpretation by the learner.

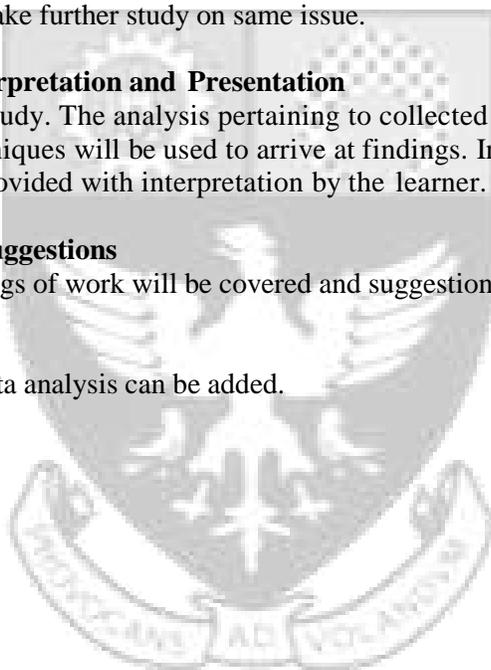
Chapter No. 5: Conclusions and Suggestions

In this chapter of project work, findings of work will be covered and suggestion will be enlisted to validate the objectives and hypotheses.

Note: If required more chapters of data analysis can be added.

Bibliography

Appendix





Name and address of the college

Certificate

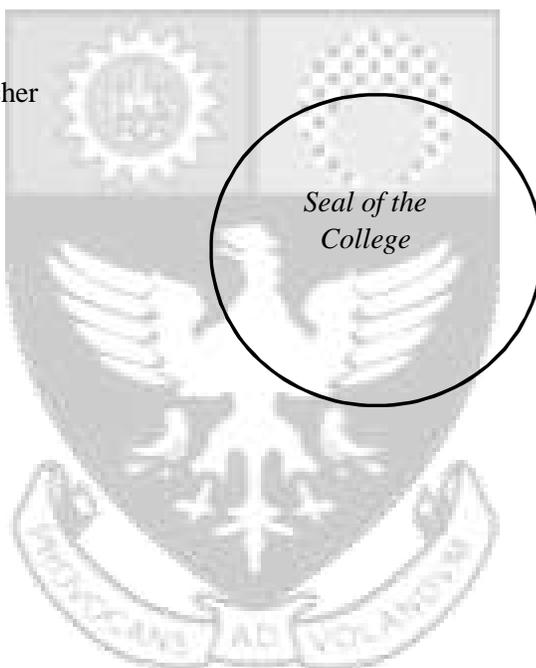
This is to certify that Ms/Mr_____has worked and duly completed her/his Project Work for the degree of Bachelor in Commerce (Accounting & Finance) under the Faculty of Commerce in the subject of _____ and her/his project is entitled, “ Title of the Project _____” under my supervision.

I further certify that the entire work has been done by the learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University.

It is her/ his own work and facts reported by her/his personal findings and investigations.

Name and Signature of Guiding Teacher

Date of submission:





Declaration by learner

I the undersigned Miss / Mr. Name of the learner hereby declare that the work embodied in this project work titled "Title of the Project", forms my own contribution to the research work carried out under the guidance of Name of the guiding teacher is a result of my own research work and has not been previously submitted to any other University for any other Degree/ Diploma to this or any other University.

Wherever reference has been made to previous works of others, it has been clearly indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained and presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by
Name and signature of the Guiding Teacher





Acknowledgment

(Model structure of the acknowledgement)

To list who all have helped me is difficult because they are so numerous and the depth is so enormous. I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

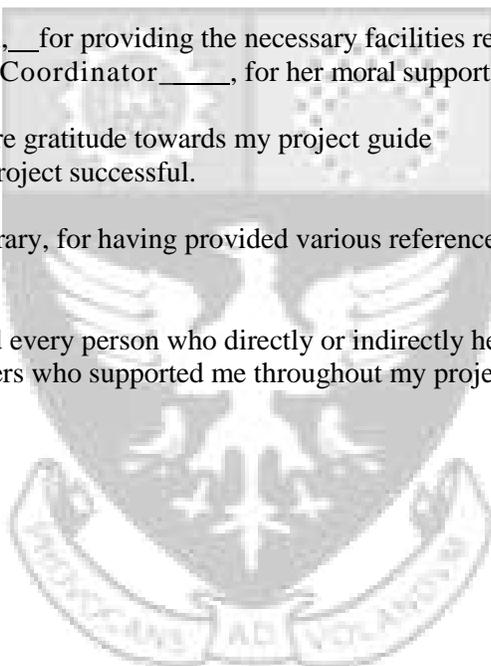
I take this opportunity to thank the St. Xavier's College (Autonomous), Mumbai under aegis of University of Mumbai for giving me chance to do this project.

I would like to thank my Principal, ___ for providing the necessary facilities required for completion of this project. I take this opportunity to thank our Coordinator _____, for her moral support and guidance.

I would also like to express my sincere gratitude towards my project guide Whose guidance and care made the project successful.

I would like to thank my College Library, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank each and every person who directly or indirectly helped me in the completion of the project especially my Parents and Peers who supported me throughout my project.





Guidelines for Internship based project work

Minimum 20 days/ 100 hours of Internship with an Organisation/ NGO/ Charitable Organisation/ Private firm.
The theme of the internship should be based on any study area of the elective courses
Experience Certificate is Mandatory

A project report has to be brief in content and must include the following aspects:

Executive Summary:

A bird's eye view of your entire presentation has to be precisely offered under this category.

Introduction on the Company:

A Concise representation of company/ organization defining its scope, products/ services and its SWOT analysis.

Statement and Objectives:

The mission and vision of the organization need to be stated enshrining its broad strategies.

Your Role in the Organisation during the internship:

The key aspects handled, the department under which you were deployed and brief summary report duly acknowledged by the reporting head.

Challenges:

The challenges confronted while churning out theoretical knowledge into practical world.

Conclusion:

A brief overview of your experience and suggestions to bridge the gap between theory and practice.

The project report based on internship shall be prepared as per the broad guidelines given below:

Font type: Times New Roman

Font size: 12-For content, 14-for Title

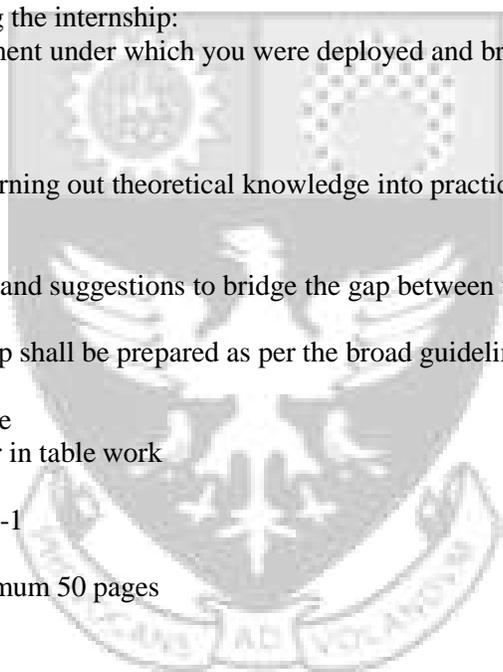
Line Space: 1.5-for content and 1-for in table work

Paper Size: A4

Margin: in Left-1.5, Up-Down-Right-1

The Project Report shall be bounded.

The project report should be of minimum 50 pages





Evaluation pattern of the project work:

The Project Report shall be evaluated in two stages viz.	
Evaluation of Project Report (Bound Copy)	60 Marks
Introduction and other areas covered	20 Marks
Research Methodology, Presentation, Analysis and interpretation of data	30 Marks
Conclusion & Recommendations	10 Marks
Conduct of Viva-voce	40 Marks
In the course of Viva-voce, the questions may be asked such as importance / relevance of the study, objective of the study, methodology of the study/ mode of Enquiry (question responses)	10 Marks
Ability to explain the analysis, findings, concluding observations, recommendation, limitations of the Study	20 Marks
Overall Impression (including Communication Skill)	10 Marks

Note:

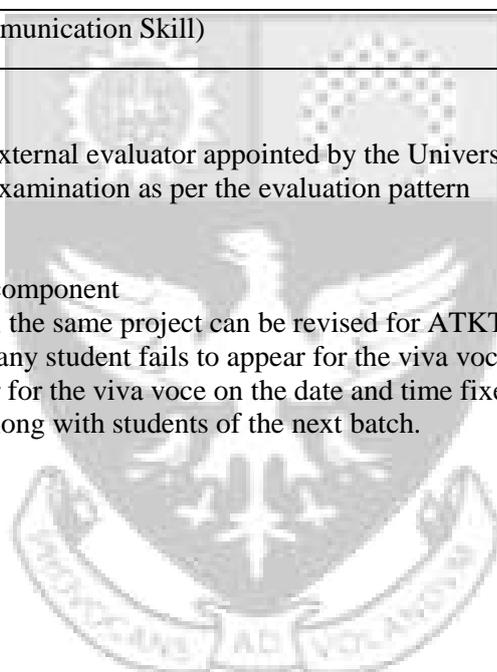
The guiding teacher along with the external evaluator appointed by the University/ College for the evaluation of project shall conduct the viva-voce examination as per the evaluation pattern

Passing Standard:

Minimum of Grade E in the project component

In case of failing in the project work, the same project can be revised for ATKT examination.

Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.





Third Year B. Com (A&F)
Semester VI

Subject Code	Semester VI	Credit	No of lectures
CBAF0601	Financial Accounting VI	5	4
CBAF0602	Financial Accounting VII	5	4
CBAF0603	International Finance	4	4
CBAF0604	Management Applications	4	4
CBAF0605	Financial Management II	5	4
CBAF0606	Financial Securities and Derivatives	5	4
CBAF0607	Econometrics	5	4
CBAF0608	Taxation – Indirect Taxes - II	5	4
	Total	28	24





<p>CBAF0601 Financial Accounting – VI</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To make learner understand provisions to be followed while preparing financial statements of Banking and Non-banking companies.2. To enable learner to understand how financial statements of insurance companies are prepared as per rules prescribed by IRDA.3. The learner will get the comprehensive understanding of Accounting of transactions of Foreign Branch.4. To enable learner to understand the concept of goodwill, shares and their valuation in detail. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Understand and analyse financial statements of Banking and Non-banking companies.2. Get acquainted with provisions and process of preparation in Final Accounts of insurance companies.3. Give accounting treatment to transactions of foreign branch of HO accounts.4. Evaluate goodwill of various firms applying various methods of valuation of goodwill.
<p>CBAF0602 Financial Accounting – VII</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To enable learner to understand how financial statements of Electricity companies are prepared.2. To make learner understand basic Provisions of Maharashtra State Co-Operative Societies and facilitate preparation of final accounts of Co-Operative Housing Society and Consumer Co-Operative Society.3. Maintain Investment Accounting for investment made in fixed return and fluctuating return securities as per AS-13.4. To make learner understand IFRS, Indian Accounting Standards, scope and comparative analysis of it.5. To enable learner to understand basics of mutual fund, accounting policies and entries of mutual funds. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Get acquainted with provisions and process of preparation of final accounts of electricity companies.2. Get acquainted with provisions and process of preparation of final accounts of Co-Operative Housing Society and Consumer Co-Operative Society.3. To gain knowledge of Investment Accounting for investment made in fixed return and fluctuating return securities, as per AS-13.4. To gain understanding of IFRS and Indian Accounting Standards.5. Recognise the type of mutual funds available under different schemes offered in market by different Asset Management Companies and make rational calculative decision before investing in mutual funds.
<p>CBAF0603 International Finance</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none">1. To introduce learner with a concept of international finance with reference to BOP, International Monetary System, and Foreign Exchange Transaction.2. To enable learner to get in depth knowledge of foreign exchange market and international exchange market.3. To enable learner to get in depth knowledge of World Financial Markets, Institutions and Risk associated with it.4. To make learner familiar with international tax environment. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none">1. Identify the key aspects of international trade and its potential gains to participating nations.2. Analyse the Balance of payment situation of India.3. Describe the characteristics of foreign exchange market and understand foreign exchange quotations to calculate the arbitrage.4. Evaluate the cross-border investment opportunities and the management of international taxation.



<p>CBAF0604 Management Applications</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> To familiarize the learner with basic management concepts. To familiarize the learner with functional understanding of marketing management. To provide the learner with functional understanding production management, human resource management To familiarize learner with financial management aspects of a business. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> Analyse and apply management concepts in business world. Comprehend functional aspects of marketing management, relate it with the business world and apply in situations of Production management, human resource management, and financial management. Comprehend functional aspects of human resources management, relate it with the business world and apply in situations of Human Resource Development. Comprehend functional aspects of financial management, relate it with the business world and apply in situations of financial affairs of the business.
<p>CBAF0605 Financial Management – II</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> To make learner understand India's Financial System, and its constituents. To make learner understand the issue management and role of Merchant Banker and process of Securitization. To make learner understand various financial instrument and agencies involved in connection with specialised Financial Instruments To make learner understand significance of Consumer Finance and Credit Rating agencies. To make learner understand the significance of Business Valuation. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> Get acquainted with India's Financial System, and its constituents. Understand security issue management process and the role of Merchant Banker Get acquainted with Securitization and the process of Securitization. Get familiarize with various financial instrument and agencies involved therein. Develop understanding and significance of Consumer Finance and Credit Rating agencies. Comprehend functional understanding of Business Valuation.
<p>CBAF0606 Financial Securities and Derivatives</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> To introduce derivative instruments and familiarise the learner with the functioning of various derivative instruments like forwards, futures, options and swaps. To help learner to differentiate between the features and benefits involved in the use of the various derivative instruments through illustrations and case studies. To impart knowledge to learner about the various approaches involved in pricing of derivative instruments. To introduce commodity market and use of derivative instruments to hedge price fluctuation risk involved in trading of underlying assets in the commodity market through illustrations and case studies. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> Understand the functioning and benefits involved in the use of derivative instruments to hedge risk due to price fluctuation and carve out arbitrage gain in favorable circumstances. Choose the right derivative instrument to accomplish the objective of risk minimisation. Understand the various approaches and calculations involved in pricing of various derivative instruments. Recall the history of Commodity market and get acquainted with its current level of performance & development at national and international level along with a thorough understanding of use of derivative instruments in hedging price fluctuation risks involved in trading of its underlying assets.
<p>CBAF0607 Econometrics</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> To introduce learner to the fundamentals of Econometrics.



	<ol style="list-style-type: none"> 2. To familiarize learner to use of Computers for Econometric Calculations. 3. To facilitate conduct of independent econometric and statistical analysis of data in an applied research setting. 4. To facilitate in use of econometric software for data management and statistical analysis. 5. To develop learner understanding of applied econometric analysis models/ methods with respect to choose of model, estimation method and interpretation of results. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Appreciate the basics of data handling, and understand how to construct forecast trends with respect to various business matters. 2. Comprehend and analyse data that emerge from different areas of business operations. 3. Enhance the probability of a good placement with the knowledge of data-handling techniques, or by offering “guesstimates” from a set of data. 4. Pursue further studies in the field of data analytics.
<p>CBAF0608 Taxation – Indirect Taxation II</p>	<p><u>LEARNING OBJECTIVES:</u></p> <ol style="list-style-type: none"> 1. To enable learner to compute tax liability, understand procedures related to payment of tax. 2. To understand concepts like interest, TDS, TCS and refund. 3. To make learner aware of the various types of returns and the provisions related to filing of returns. 4. To help learner to evaluate various aspects related to Accounts, Audit, Assessment and records. 5. To introduce and to acquaint learner with the provisions of Customs Act, 1962. 6. To help learner to understand the intricacies of Foreign Trade Policy. <p><u>COURSE OUTCOMES:</u> <u>After completion of this course, the learner will be able to:</u></p> <ol style="list-style-type: none"> 1. Compute the tax liability and summarize the various provisions relating to interest, TDS, TCS and refunds. 2. Be aware of various types of returns and various provisions related to filing of returns. 3. Evaluate the practical aspects related to maintenance of accounts, conducting audit, assessment under GST. 4. Acquainted with the various provisions of the Customs Act and able to discuss various types of customs duty, levy and exemption from customs duty and classification and valuation of goods imported and to be exported. 5. Understand the laws and regulations regarding Foreign Trade Policies (FTP) and Exported related schemes.



T.Y. B. Com (BAF)	FINANCIAL ACCOUNTING – VI	Semester VI
Credit: 5	CBAF0601	LPW: 4

Objectives:

- To make learner understand provisions to be followed while preparing financial statements of Banking and Non-banking companies.
- To enable learner to understand how financial statements of insurance companies are prepared as per rules prescribed by IRDA.
- The learner will get the comprehensive understanding of Accounting of transactions of Foreign Branch.
- To enable learner to understand the concept of goodwill, shares and their valuation in detail.

Module	Contents	Lectures
I	Final Accounts for Banking Companies Legal provision in Banking Regulation Act, 1949 relating to Accounts. Statutory reserves including Cash Reserve and Statutory Liquidity Ratio. Bill purchase and discounted, rebate of bill discounted. Final Accounts in prescribed form Non – performing assets and Income from non – performing assets. Capital Adequacy Classification of Advances, standard, sub – standard, doubtful and provisioning requirement.	15
II	Non – Banking Financial Companies Introduction, Definition, Registration and Regulation, Classification, Income Recognition, Accounting of Investment, Applicability of Prudential Norms, Assets classification, Non- performing Assets, Capital Adequacy, Preparation of Financial statement.	15
III	Final Accounts of Insurance Companies (Excl. Life Insurance) General Insurance – Various types of insurance, like fire, marine, Miscellaneous, Special terms like premium, claims, commission, Management expenses, Reserve for unexpired risk, reinsurance Final Accounts in a prescribed form. Revenue Statement – Form B – RA, Profit / Loss Account – Form B – PL and Balance Sheet Form B – BS.	15
IV	Foreign Branch: Conversion as per AS 11 and Incorporation In HO accounts. Valuation of Goodwill and Shares: Valuation of Goodwill Maintainable Profit method, Super Profit Method Capitalization method, Annuity Method Valuation of Shares Intrinsic Value Method, Yield method Fair Value Method.	15
	Total	60



Reference Books:

- 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.
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai.
- Financial Accounting by Lesile Chandwickh, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi.
- Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai.
- Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi.
- 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.





T.Y. B. Com (BAF)	FINANCIAL ACCOUNTING – VII	Semester VI
Credit: 5	CBAF0602	LPW: 4

Objectives:

- To enable learner to understand how financial statements of Electricity companies are prepared.
- To make learner understand basic Provisions of Maharashtra State Co-Operative Societies and facilitate preparation of final accounts of Co-Operative Housing Society and Consumer Co-Operative Society.
- Maintain Investment Accounting for investment made in fixed return and fluctuating return securities as per AS-13.
- To make learner understand IFRS, Indian Accounting Standards, its scope and comparative analysis of it.
- To enable learner to understand basics of mutual fund, accounting policies and entries of mutual funds.

Module	Contents	Lectures
I	Final account for electricity Company Final Accounts as per Double Account System Electricity Rules, Receipt and Expenditure on capital account, General balance sheet and contingency reserve. Disposal of surplus (as per Electricity rules): Norms regarding disposal of surplus replacement of assets. Simple practical problems.	15
II	Accounting for Co-operative Societies Provisions of Maharashtra State Co-Operative Societies Act and rules. Accounting provisions including appropriation to various funds Format of Final Accounts – Form N Simple practical problems on preparation of final accounts of a Co-Operative housing society and Consumer Co-Operative Society.	15
III	Investment Accounting (w.r.t. Accounting Standard - 13) For shares (variable income bearing securities) For debentures/Preference. shares (fixed income bearing securities) Accounting for transactions of purchase and sale of investments with ex and cum interest prices and finding cost of investment sold and carrying cost as per weighted average method (Excl. brokerage). Mutual Funds Introduction, Historical background SEBI Guidelines, organization, NAV Scheme, Investment Valuation Norms, Pricing of Units, Contents of Balance Sheet and Revenue account, Evaluation of Mutual Funds, Disposal of Investments, Recognition of Income, Accounting Policies and Entries.	15
IV	Introduction to IFRS and Indian Accounting Standards Accounting standards: Role/objectives of accounting standards, Development of accounting standards in India - Requirements of international accounting standards - International organizations engaged in accounting harmonization - IASB - FASB - Role of IASB in developing IFRS, Applicability, Interpretation, Scope and compliance of Accounting Standards Indian Accounting standards (Ind AS): Introduction, Road map, First time adaptation of Indian Accounting Standard, Conceptual framework Comparison of Ind AS, IFRS and AS IFRS: Introduction, scope Purpose & Objective of financial statement-its Frame work- its assumption, characteristics, element, recognition & measurement., first time adoption of IFRS Convergence of Ind-As and IFRS.	15
	Total	60



Reference Books:

- 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.
- Modern Accountancy by Mukherjee and Hanif, Tata Mc. Grow Hill and Co. Ltd., Mumbai.
- Financial Accounting by Lesile Chandwickh, Pentice Hall of India Adin Bakley (P) Ltd., New Delhi.
- Financial Accounting for Management by Dr. Dinesh Harsalekar, Multi-Tech. Publishing Co. Ltd., Mumbai.
- Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi.





T.Y. B. Com (BAF)	INTERNATIONAL FINANCE	Semester VI
Credit: 5	CBAF0603	LPW: 4

Objectives:

- To introduce learner with a concept of international finance with reference to BOP, International Monetary System, and Foreign Exchange Transaction.
- To enable learner to get in depth knowledge of foreign exchange market and international exchange market.
- To enable learner to get in depth knowledge of World Financial Markets, Institutions and risk associated with it.
- To make learner familiar with international tax environment.

Module	Contents	Lectures
I	Fundamentals of International Finance Introduction to International Finance Balance of Payments International Monetary Systems Introduction to Exchange Rates	15
II	Foreign Exchange Market, Exchange Rate determination and Currency Derivatives Foreign Exchange Market International Parity Relationships and Foreign Exchange Rate	15
III	World Financial Markets and Institutions and Risk Euro Currency Bond Markets International Equity Markets and Investment International Foreign Exchange Markets International Capital Budgeting	15
VI	Foreign Exchange Risk, Appraisal and Tax Management Foreign Exchange Risk Management International Tax Environment International Project Appraisal	15
	Total	60

Reference Books:

- P G Apte, International Financial Management, 5th Edition, The McGraw Hill.
- Cheol. S. Eun & Bruce G. Resnick, International Finance Management.
- Maurice D. Levi, International Finance – Special Indian Edition.
- Prakash G. Apte, International Finance – A Business Perspective.



T.Y. B. Com (BAF)	MANAGEMENT APPLICATION	Semester VI
Credit: 4	CBAF0604	LPW: 4

Objectives:

- To familiarize the learner with basic management concepts.
- To familiarize the learner with functional understanding of marketing management.
- To provide the learner with functional understanding production management, human resource management.
- To familiarize learner with financial management aspects of a business.

Module	Contents	Lectures
I	Marketing Management Meaning and Definition of Marketing – 4 Ps of Marketing, Importance. Product Management – Meaning & Definition – Product Development Strategies, Product life cycle, Branding- Meaning, Factors influencing branding, Price Management – Meaning and Definition – Factors affecting pricing decisions, Pricing Strategies, Place (Distribution) Management – Meaning and Definition – Factors Governing Distribution Decisions – Types of Distribution Channels, Promotion Management – Meaning – Promotion Strategies, Integrated marketing communication, Case studies based on the above topics	15
II	Production Management Meaning and Definition of Production Management – Scope of Production Management, Steps in Production Planning and Control. Meaning of Productivity - Measurement of Productivity – Measure to increase Productivity – Productivity Movement in India. Meaning and Definition of Quality Management – TQM – Quality Circles – ISO 9000/14000. Inventory Management – Meaning and Methods Case studies based on the above topics	15
III	Human Resource Management Human Resource Management – Meaning, Nature, Functions of Human Resource Management. Human Resource Planning- Meaning, Process of Human Resource Planning Human Resource Development- Methods of Developing Human Resource Performance Appraisal – Meaning and Definition – Traditional and Modern Methods of Appraisal. Employee retention Leadership- Traits, Styles. Motivation- Factors of Motivation, Theories of Motivation- Maslow's Theory, Douglas MacGregor's Theory X and Theory Y. Case studies based on the above topics	15
IV	Financial Management Meaning and Definition of Financial Management – Functions of Financial Management Capital Budgeting- Introduction, Importance and Process Capital Structure- Meaning, Factors affecting Capital Structure Capital Market – Meaning and Constituents – Functions. Fundamental Analysis – Technical Analysis - Venture Capital – DEMAT Account - Futures and Options. Case studies based on the above topics	15
	Total	60

Reference Books:

- Kotlar, Philip, Marketing Management, Prentice Hall, New Delhi.
- Stanton, Etzel, Walker, Fundamentals of Marketing, Tata-McGraw Hill, New Delhi.
- Saxena, Rajan, Marketing Management, Tata-McGraw Hill, New Delhi.
- McCarthy, E.J., Basic Marketing: A managerial approach, Irwin, New York.
- Pillai R S, Bagavathi, Modern Marketing.
- Principles of Management, Ramasamy, Himalya Publication, Mumbai.
- Principles of Management, Tripathi Reddy, Tata Mc Grew Hill.
- Management Text & Cases, VSP Rao, Excel Books, Delhi.
- Management Concepts and OB, P S Rao & N V Shah, AjabPustakalaya.



T.Y. B. Com (BAF)	FINANCIAL MANAGEMENT II	Semester VI
Credit: 5	CBAF0605	LPW: 4

Objectives:

- To make learner understand India's Financial System, and its constituents.
- To make learner understand the issue management and role of Merchant Banker and process of Securitization.
- To make learner understand various financial instrument and agencies involved in connection with specialised Financial Instruments.
- To make learner understand significance of Consumer Finance and Credit Rating agencies.
- To make learner understand the significance of Business Valuation.

Module	Contents	Lectures
I	<p>An Overview of the Financial System</p> <p>Financial Services: Concept, Objectives/Functions, Characteristics, Financial Service Market, Financial Service Market Constituents, Growth of Financial Services in India, Problems in Financial Services Sector, Banking and Non-Banking Companies, Regulatory Framework</p> <p>Factoring and Forfaiting: Introduction, Types of Factoring, Theoretical Framework, Factoring Cost, Advantages and Disadvantages of Factoring, factoring in India, Factoring v/s Forfaiting, Working of Forfaiting, Benefits and Drawbacks of Forfaiting, Practical Problems.</p> <p>Bill Discounting: Introduction, Framework, Bill Market Schemes, Factoring V/s Bill Discounting in Receivable Management.</p>	15
II	<p>Issue Management and Securitization</p> <p>Issue Management and Intermediaries: Introduction, Merchant Bankers/ Lead Managers, Underwriters, Bankers to an Issue, Brokers to an Issue, Stock Broking: Introduction, Stock Brokers, Sub-Brokers, Foreign Brokers, Trading and Clearing/Self Clearing Members, Stock Trading (Cash and Normal)</p> <p>Derivative Trading</p> <p>Securitization: Definition, Securitization v/s Factoring, Features of Securitization, Pass Through Certificates, Securitization Mechanism, Special Purpose Vehicle, Securitisable Assets, Benefits of Securitization, New Guidelines on Securitization</p>	15
III	<p>Financial Instruments</p> <p>Lease and Hire-Purchase: Meaning, Types of Lease - Finance Lease, Operating Lease, Advantages and Disadvantages of Leasing, Leasing in India, Legal Aspects of Leasing. Definition of Hire Purchase, Hire Purchase and Installment Sale Characteristics, Hire Purchase and Leasing, Advantages of Hire Purchase, Problems of Hire Purchase.</p> <p>Housing Finance: Introduction, Housing Finance Industry, Housing Finance Policy Aspect, Sources of Funds, Market of Housing Finance, Housing Finance in India- Major Issues, Housing Finance in India – Growth Factors, Housing Finance Institutions in India, National Housing Bank (NHB), Guidelines for Asset Liability Management System in HFC, Fair Trade Practice Code for HFC's, Housing Finance Agencies</p> <p>Venture Capital: Introduction, Features of Venture Capital, Types of Venture Capital</p> <p>Financing Stages, Disinvestment mechanisms, Venture Capital Investment process, Indian Scenario</p>	15



IV	<p>Consumer Finance and Credit Rating Consumer Finance: Introduction, Sources, Types of Products, Consumer Finance Practice in India, Mechanics of Consumer Finance, Terms, Pricing, Marketing and Insurance of Consumer Finance, Consumer Credit Scoring, Case for and against Consumer Finance Plastic Money: Growth of Plastic Money Services in India, Types of Plastic Cards- Credit card Debit Card- Smart card- Add-on Cards, Performance of Credit Cards and Debit Cards, Benefits of Credit Cards, Dangers of Debit Cards, Prevention of Frauds and Misuse, Consumer Protection. Indian Scenario. Smart Cards- Features, Types, Security Features and Financial Applications Credit Rating: Meaning, Origin, Features, Advantages of Rating, Regulatory Framework, Credit Rating Agencies, Credit Rating Process, Credit Rating Symbols. Credit Rating Agencies in India, Limitations of Rating Business Valuation Conceptual Framework of Valuation – Book Value, Market Value, Economic Value, Liquidation Value, Replacement Value, Salvage Value, Value of Goodwill and Fair Value Approaches of Valuation – Assets Based Approach to Valuation, Earnings Based Approach to Valuation, Earnings Measure on Cash Flow Basis, Market Value Added Approach and Economic Value Added.</p>	15
	Total	60

Reference Books:

- Money Market Operations in India- A K Sengupta.
- Equity and Debt Markets- Hardeep Kaur Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill.
- Indian Financial System, Khan M.Y Tata Mcgraw Hill.



T.Y. B. Com (BAF)	FINANCIAL SECURITIES & DERIVATIVES	Semester VI
Credit: 5	CBAF0606	LPW: 4

Objectives:

- To introduce derivative instruments and familiarise the learner with the functioning of various derivative instruments like forwards, futures, options and swaps.
- To help learner to differentiate between the features and benefits involved in the use of the various derivative instruments through illustrations and case studies.
- To impart knowledge to learner about the various approaches involved in pricing of derivative instruments.
- To introduce commodity market and use of derivative instruments to hedge price fluctuation risk involved in trading of underlying assets in the commodity market through illustrations and case studies.

Module	Contents	Lectures
I	Introduction to Derivatives Definition – Types of derivatives- forwards, futures, options and swaps- Participants and Functions- Development of Exchange traded derivatives- Global derivatives markets- Exchange traded vs OTC derivatives markets- Derivatives trading in India- Requirements for a successful derivatives markets, Misuse and criticism of derivatives Myths about derivatives	15
II	Introduction to Futures & Options Forward & future contract: Meaning of forward contract and future contract classification of forward contract. Features of Forward contract – Difference between forward and spot contract. Meaning and definition of Future contract – Features of future contract - Evolution of future Market, Types of future contract- Futures market in India, specification of future contract and terminology. Difference between forward and future - margin requirement, Mark to Margin. Market lot, Tick size; Types of margins - Initial margin, maintenance margin and margin calls. Simple problems related to calculation of marginbalances. Introduction to Options contracts –basic principles. Types of options – Basic concepts or Terms used in Option trading - Options terminology. Trading and settlement of options. Difference between option and futures.	15
III	Pricing of Futures & Options Basic concepts in future pricing – Basis, the repo rate, arbitrage, spread and convergence. Settlement of future contract. Significance of future market. Theories (Approaches or Models) of future prices – Cost to carry approach – The expectation Approach – The Normal Backwardation approach and – The CAPM (simple problems) Options pricing – Determinants of Option Pricing – Upper and Lower limits of option pricing – In the Money – at the money and out of the money	15
IV	Commodity Derivatives Commodity market and derivatives - Meaning and its importance. Historical changes and growth of global and domestic Commodities derivatives markets. FCR Act 1952 and Regulatory structure of Commodities Derivatives Markets in IndiaCommodities Derivative Exchanges and design of the markets (Major Exchanges inIndia). Commodity Exchange, Role of Commodity Exchanges, Commodity Derivative Markets in India, Indian Commodity Exchanges. Global commodity exchanges. Latest development. Difference between Commodity and financial derivatives. Physical Settlement, Warehousing, Quality of Underlying Assets.	15
	Total	60

Reference Books:

- Hull John C. (2016). Options, Futures and Other Derivatives. Prentice Hall of India.
- Srivastava,R.(2 010). Derivatives and Risk management. IOU India.



T.Y. B. Com (BAF)	ECONOMETRICS	Semester VI
Credit: 5	CBAF0607	LPW: 4

Objectives:

- To introduce students to the fundamentals of Econometrics.
- To familiarize students to use of Computers for Econometric Calculations.
- To facilitate conduct of independent econometric and statistical analysis of data in an applied research setting.
- To facilitate in use of econometric software for data management and statistical analysis.
- To develop learners understanding of applied econometric analysis models/ methods with respect to choose of model, estimation method and interpretation of results.

Module	Contents	Lectures
I	Classical Linear Regression Model: PRF & SRF; Assumptions, Derivation and Properties of OLS Estimators; ANOVA and Coefficient of Determination of the Goodness of Fit	15
II	Extension of Classical Linear Regression Model: 2-Regressor Model and Testing of their Parameters; Regression through the Origin; Double Log Model; Semi-Log Model; Reciprocal Model; Polynomial Model	15
III	Shortcomings of Classical Linear Regression Model: Multicollinearity: Detection, Consequences, Remedial Measures; Spearman's Rank Correlation Test & Durbin-Watson Test Heteroscedasticity: Detection, Consequences, Remedial Measures; Variance Inflating Factor; R ² Test; Ratio Transformation; Increase in Sample Size Auto-Correlation: Detection, Consequences, Remedial Measures; Runs Test, Durbin-Watson Test; Weighted Least Square Method	15
IV	Input-Output Analysis: Input-Output Assumptions and Table; Balanced Equations and Technical Co- efficient; Hawkin- Simon Conditions, Closed and Open Model; Revenue, Cost & Profit Estimation	15
	Total	60

Reference Books:

- Gujarati, Porter and Gunasekar, 'Basic Econometrics', McGraw Hill Publication, 5th Edition (2012).
- Kmenta, Jan, 'Elements of Econometrics', Pearson.
- Miller, Ronald and Peter Blair, 'Input-Output Analysis Foundations and Extensions', Prentice Hall Publication.
- Salvatore, Dominick & Derrick Reagle, 'Theory and problem of Statistics and Econometrics', Schaum Outline. Series, McGraw Hill.
- Woolridge, Jeffery, 'Introductory Econometrics', Cengage Learning.



T.Y. B. Com (BAF)	TAXATION –INDIRECT TAXES - II	Semester VI
Credit: 5	CBAF0608	LPW: 4

Objectives:

- To enable learner to compute tax liability, understand procedures related to payment of tax.
- To understand concepts like interest, TDS, TCS and refund.
- To make learner aware of the various types of returns and the provisions related to filing of returns.
- To help learner to evaluate various aspects related to Accounts, Audit, Assessment and records.
- To introduce and to acquaint learner with the provisions of Customs Act, 1962.
- To help learner to understand the intricacies of Foreign Trade Policy.

Module	Contents	Lectures
I	Payment of Tax and Refunds Payment of Tax, Interest and other Amounts, Interest on delayed Payment, TDS, TCS Refund of tax, Refund in certain cases, Interest on delayed refunds Returns Types of Returns and Provisions relating to filing of Returns	15
II	Accounts, Audit, Assessment and Records Accounts and other records, Period of retention of accounts, Electronic Way Bill Self-Assessment, Provisional Assessment, Scrutiny of Returns, Assessment of non- filers of Returns, Assessment of Unregistered person, summary assessment in certain special cases, Audit by tax authorities, Special Audit.	15
III	Custom Act –I Introduction to customs law including Constitutional aspects Levy of and exemptions from customs duties – All provisions including application of customs law, taxable event, charge of customs duty, exceptions to levy of customs duty, exemption from custom duty Types of customs duties Classification and valuation of imported and export goods Custom Act –II Import and Export Procedures – All import and export procedures including special procedures relating to baggage, goods imported or exported by post, stores Provisions relating to coastal goods and vessels carrying coastal goods Warehousing and Drawback	15
IV	Foreign Trade Policy Introduction to FTP – legislation governing FTP, salient features of an FTP, Foreign Trade Policy 2021- 26, administration of FTP, contents of FTP, scope of FTP. Provision related to import and export of goods Basic concepts relating to export promotion schemes provided under FTP – Duty Exemption & remission Schemes, Duty Free Import Authorization Scheme, Reward scheme, Export Promotion Capital Goods Scheme, EOU, STP, BTP & EHTP scheme.	15
	Total	60

Reference Books:

- Indirect Taxes: Law and Practice by V.S. Datey, Taxmann.
- Indirect Taxes by V.S. Balchandra, Sultan Chand and Sons, New Delhi.
- GST Law & practice with Customs & FTP by V.S. Datey, Taxmann.
- GST by V.S. Datey, Taxmann.
- GST & customs Law by K.M. Bansal, University Edition.
- GST Law & practice with Customs & FTP by Vineet Sodhani, Snow White Publications.
- GST Law & practice with Customs & FTP by Sanjiv Agarwal, Snow White Publications.