



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road,
Atmakur(V), Mangalagiri (M), Guntur-522 503, Andhra Pradesh
Web: www.apsche.org **Email:** acapsche@gmail.com

REVISED SYLLABUS OF B Com (GENERAL AND COMPUTER APPLICATIONS) UNDER CBCS FRAMEWORK WITH EFFECT FROM 2020-2021

PROGRAMME: THREE-YEAR B Com

(General and Computer Applications)

*(With Learning Outcomes, Unit-wise Syllabus, References, Co-curricular Activities &
Model Q.P.)*

For Fifteen Courses of 1, 2, 3 & 4 Semesters)

(To be Implemented from 2020-21 Academic Year)

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory body of the Government of Andhra Pradesh)

CBCS – UG SYLLABUS SUBJECT REVIEW COMMITTEE

(To be implemented from the Academic Year 2020-21)

PROGRAMME: Three-Year BCom (General and Computer Applications)

Domain Subject: Commerce

(Syllabus with Outcomes, Co-curricular Activities, References for Fifteen Courses of 1, 2, 3 & 4 Semesters)

Structure of COMMERCE Syllabus under CBCS for 3-year B Com Programme (with domain subject covered during the first 4 Semesters with 15 Courses)

Sl. No	Code	Sem	Courses	Name of Course (Each Course consists 5 Units with each Unit having 12 hours of class-work)	Hours/Week	Credits	Marks	
							Mid Sem	Sem End
1		I	1A	Fundamentals of Accounting (Gen & CA)	5	4	25	75
2		I	1B	Business Organization and Management (Gen & CA)	5	4	25	75
3		I	1C	Business Environment (Gen)/ Information Technology (CA)	5	4	25	75
4		II	2A	Financial Accounting (Gen & CA)	5	4	25	75
5		II	2B	Business Economics (Gen & CA)	5	4	25	75
6		II	2C	Banking Theory & Practice (Gen) / E-commerce and Web Designing (CA)	5	4	25	75
7		III	3A	Advanced Accounting (Gen & CA)	5	4	25	75
8		III	3B	Business Statistics (Gen & CA)	5	4	25	75
9		III	3C	Marketing (Gen)/ Programming with C & C++ (CA)	5	4	25	75
10		IV	4A	Corporate Accounting (Gen & CA)	5	4	25	75
11		IV	4B	Cost and Management Accounting (Gen & CA)	5	4	25	75
12		IV	4C	Income Tax (Gen & CA)	5	4	25	75
13		IV	4D	Business Laws (Gen & CA)	5	4	25	75
14		IV	4E	Auditing (Gen & CA)	5	4	25	75
15		IV	4F	Goods and Service Tax (Gen)/ Data Base Management System (CA)	5	4	25	75
Total					75	60	375	1125

(Gen & CA) B Com (General) and B Com (Computer Applications)

PROGRAMME: THREE-YEAR B Com

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

I Year B Com (Gen & CA)–Semester – I

Course1A: Fundamentals of Accounting

Learning Outcomes:

At the end of the course, the student will able to

- Identify transactions and events that need to be recorded in the books of accounts.
- Equip with the knowledge of accounting process and preparation of final accounts of sole trader.
- Develop the skill of recording financial transactions and preparation of reports in accordance with GAAP.
- Analyze the difference between cash book and pass book in terms of balance and make reconciliation.
- Critically examine the balance sheets of a sole trader for different accounting periods.
- Design new accounting formulas & principles for business organisations.

Syllabus:

Unit-I – Introduction

Need for Accounting – Definition – Objectives, – Accounting Concepts and Conventions – GAAP - Accounting Cycle - Classification of Accounts and its Rules – BookKeeping and Accounting - Double Entry Book-Keeping - Journalizing - Posting to Ledgers, Balancing of Ledger Accounts (including Problems).

Unit-II: Subsidiary Books:

Types of Subsidiary Books - Cash Book, Three-column Cash Book- Petty Cash Book (including Problems).

Unit-III: Trial Balance and Rectification of Errors:

Preparation of Trial balance - Errors – Meaning – Types of Errors – Rectification of Errors – Suspense Account (including Problems)

Unit-IV: Bank Reconciliation Statement:

Need for Bank Reconciliation - Reasons for Difference between Cash Book and Pass Book Balances- Preparation of Bank Reconciliation Statement - Problems on both Favourable and Unfavourable Balance (including Problems).

Unit -V: Final Accounts:

Preparation of Final Accounts: Trading account – Profit and Loss account – Balance Sheet – Final Accounts with Adjustments (including Problems).

References:

1. Ranganatham G and Venkataramanaiah, Fundamentals of Accounting, S Chand Publications
2. T.S.Reddy& A. Murthy, Financial Accounting, Margham Publications
3. S N Maheswari and SK Maheswari, Financial Accounting, Vikas Publications
4. R L Gupta & V K Gupta, Principles and Practice of Accounting, Sultan Chand & Sons
5. S.P. Jain & K.L Narang, Accountancy-I, Kalyani Publishers
6. Tulasian, Accountancy -I, Tata McGraw Hill Co.
7. V.K.Goyal, Financial Accounting, Excel Books
8. K. Arunjothi, Fundamentals of Accounting; Maruthi Publications
9. Prof EChandraiah : Financial Accounting Seven Hills International Publishers

Suggested Co-Curricular Activities:

- ◆ Bridge Course for Non-commerce Students
- ◆ Practice of Terminology of Accounting
- ◆ Quiz, Word Scramble
- ◆ Co-operative learning
- ◆ Seminar
- ◆ Co-operative learning
- ◆ Problem Solving Exercises
- ◆ Matching, Mismatch
- ◆ Creation of Trial Balance
- ◆ Visit a firm (Individual and Group)
- ◆ Survey on sole proprietorship and prepare final accounts of concern
- ◆ Group Discussions on problems relating to topics covered in syllabus
- ◆ Examinations (Scheduled and surprise tests)
- ◆ Any similar activities with imaginative thinking beyond the prescribed syllabus

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(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

I Year B Com (Gen & CA) – Semester – I

Course 1B: Business Organization and Management

Learning Outcomes:

At the end of the course, the student will be able to

- Understand different forms of business organizations.
- Comprehend the nature of Joint Stock Company and formalities to promote a Company.
- Describe the Social Responsibility of Business towards the society.
- Critically examine the various organizations of the business firms and judge the best among them.
- Design and plan to register a business firm. Prepare different documents to register a company at his own.
- Articulate new models of business organizations.

Syllabus:

Unit-I –Introduction Concepts of Business, Trade, Industry and Commerce: Business – Meaning, Definition, Features and Functions of Business - Trade Classification – Aids to Trade – Industry Classification and Commerce - Factors Influencing the Choice of Suitable form of Organisation

Unit –II– Forms of Business Organizations: Features, Merits and Demerits of Sole Proprietor Ship and Partnership Business - Features Merits and Demerits of Joint Stock Companies - Public Sector Enterprises (PSEs) - Multinational Corporations (MNCs)- Differences between Private Limited Public Limited Company

Unit-III -Company Incorporation: Preparation of Important Documents for Incorporation of Company - Certificate of Incorporation and Certificate of Commencement of Business - Contents of Memorandum and Articles of Association - Contents of Prospectus

Unit-IV- Management: Meaning Characteristics - Fayol's 14 Principles of Management - Administration Vs Management - Levels of Management

Unit-V-Functions of Management: Different Functions of Management - Meaning – Definition – Characteristics Merits and Demits of Planning - Principles of Organisation – Line and staff of Organisation

Reference Books:

1. Industrial Organization and Management, C.B. Gupta, Sultan Chand.
2. Business Organization - C.D. Balaji and G. Prasad, Margham Publications, Chennai.
3. Business Organization - R.K. Sharma and Shashi K Gupta, Kalyani Publications.
4. Business Organization & Management: Sharma Shashi K. Gupta, Kalyani Publishers
5. Business Organization & Management: C.R. Basu, Tata McGraw Hill
6. Business Organization & Management: M.C. Shukla S. Chand,
7. Business Organisation and Management, Dr. Neeru Vasishth, Tax Mann Publications.
8. Business Organisation and Management, Dr B E V L Naidu, Seven Hills International Publishers, Hyderabad

Suggested Co-Curricular Activities:

- * Book Reading
- * Student Seminars, Debates
- * Quiz Programmes
- * Assignments
- * Co-operative learning
- * Individual / Group Field Studies
- * Group Discussions on problems relating to topics covered by syllabus
- * Collecting prospectus of different companies through media
- * Collection of news reports and maintaining a record of paper-cuttings relating to topics covered in syllabus
- * Talk on current affairs about business, industry etc.
- * Simple project work on development of Certificate of Incorporation, Prospectus and Certificate of commencement of business
- * Biography of well-known management thinkers and managers of gigantic companies
- * Examinations (Scheduled and surprise tests)

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Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

I Year B Com (Gen & CA) – Semester – I

Course 1C: Business Environment

Learning Outcomes:

At the end of the course, the student will be able to;

- Understand the concept of business environment.
- Define Internal and External elements affecting business environment.
- Explain the economic trends and its effect on Government policies.
- Critically examine the recent developments in economic and business policies of the Government.
- Evaluate and judge the best business policies in Indian business environment.
- Develop the new ideas for creating good business environment.

SYLLABUS:

Unit-I: Overview of Business Environment: Business Environment – Meaning – Characteristics – Scope -Macro and Micro Dimensions of Business Environment - Environmental Analysis.

Unit – II: Economic Environment: Economic Environment – Nature of the Economy – Structure of Economy – Economic Policies & Planning the Economic Condition – NITI Ayog – National Development Council – Five Year Plans

Unit–III: Economic Policies: Economic Reforms and New Economic Policy – New Industrial Policy – Competition Law – Fiscal Policy – Objectives and Limitations – Monetary Policy and RBI

Unit – IV:Social, Political and Legal Environment: Concept of Social Responsibility of Business towards Stakeholders - Demonetisation, GST and their Impact - Political Stability - Legal Changes.

Unit–V:Global Environment :Globalization – Meaning – Role of WTO – WTO Functions - IBRD– Trade Blocks, BRICS, SAARC, ASEAN in Globalisation

Suggested Readings:

1. K. Aswathappa : Essentials of Business Environment, Himalaya Publishing House
2. Francis Cherunilam : Business Environment, Himalaya Publishing House
3. Dr S Sankaran: : Business Environment, Margham Publications
4. S.K. Mishra and V.K. Puri : Economic Environment of Business, HPH
5. Rosy Joshi and Sangam Kapoor : Business Environment, Kalyanai Publications
6. A C Fernando: Business Environment, Pearson
7. Dr V Murali Krishna, Business Environment, Spectrum Publications
8. Namitha Gopal, Business Environment, McGraw Hill

Suggested Co-Curricular Activities:

- ◆ Seminar on overview of business environment
- ◆ Debate on micro v/s macro dimensions of business environment
- ◆ Co-operative learning
- ◆ Seminar on Monetary policies of RBI
- ◆ Debate on social, political and legal environment
- ◆ Group Discussions on Global environment and its impact on business
- ◆ To learn about NITI Ayog and National Development Council
- ◆ Seminars on Economic policies like New Industrial policy, Fiscal policy etc.
- ◆ Reports on WTO, BRICS, SAARC etc.
- ◆ Examinations (Scheduled and surprise tests) on all units

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Semester-wise Syllabus under CBCS

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I Year B Com (Gen & CA)– Semester – II

Course 2A: Financial Accounting

Learning Outcomes:

At the end of the course the student will be able to;

- Understand the concept of consignment and learn the accounting treatment of the various aspects of consignment.
- Analyze the accounting process and preparation of accounts in consignment and joint venture.
- Distinguish Joint Venture and Partnership and to learn the methods of maintaining records under Joint Venture.
- Determine the useful life and value of the depreciable assets and maintenance of Reserves in business entities.
- Design an accounting system for different models of businesses at his own using the principles of existing accounting system.

Syllabus

Unit-I: Depreciation: Meaning and Causes of Depreciation - Methods of Depreciation: Straight Line – Written Down Value – Annuity and Depletion Method (including Problems).

Unit-II: Provisions and Reserves: Meaning – Provision vs. Reserve – Preparation of Bad Debts Account – Provision for Bad and Doubtful Debts – Provision for Discount on Debtors – Provision for Discount on Creditors - Repairs and Renewals Reserve A/c (including Problems).

Unit-III: Bills of Exchange: Meaning of Bill – Features of Bill – Parties in the Bill – Discounting of Bill – Renewal of Bill – Entries in the Books of Drawer and Drawee (including Problems).

Unit-IV: Consignment Accounts: Consignment - Features - Proforma Invoice - Account Sales – Del-credere Commission - Accounting Treatment in the Books of Consigner and Consignee - Valuation of Closing Stock - Normal and Abnormal Losses (including Problems).

Unit-V: Joint Venture Accounts: Joint Venture - Features - Difference between Joint-Venture and Consignment – Accounting Procedure – Methods of Keeping Records–One Vendor Keeps the Accounts and Separate Set off Books Methods (including Problems).

Reference Books:

1. Ranganatham G and Venkataramanaiah, **Financial Accounting-II**, S Chand Publications, New Delhi.
2. T. S. Reddy and A. Murthy - **Financial Accounting**, Margham Publications.
3. R.L. Gupta & V.K. Gupta, **Principles and Practice of Accounting**, Sultan Chand.
4. SN Maheswari and SK Maheswari – **Financial Accounting**, Vikas Publications.
5. S.P. Jain & K.L Narang, **Accountancy-I**, Kalyani Publishers.
6. Tulsan, **Accountancy-I**, Tata McGraw Hill Co.
7. V.K. Goyal, **Financial Accounting**, Excel Books
8. T.S. Grewal, **Introduction to Accountancy**, Sultan Chand & Co.
9. Haneef and Mukherjee, **Accountancy-I**, Tata McGraw Hill.
10. Arulanandam and Ramana, **Advanced Accountancy**, Himalaya Publishers.
11. S.N.Maheshwari & V.L.Maheswari, **Advanced Accountancy-I**, Vikas Publishers.
12. Prof E Chandraiah, **Financial Accounting**, Seven Hills International Publishers.

Suggested Co-Curricular Activities:

- ★ Quiz Programs
- ★ Problem Solving Exercises
- ★ Co-operative learning
- ★ Seminar
- ★ Group Discussions on problems relating to topics covered by syllabus
- ★ Reports on Proforma invoice and account sales
- ★ Visit a consignment and joint venture firms (Individual and Group)
- ★ Collection of proforma of bills and promissory notes
- ★ Examinations (Scheduled and surprise tests)
- ★ Any similar activities with imaginative thinking beyond the prescribed syllabus

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(w.e.f. 2020-21 Admitted Batch)

I Year B Com (Gen & CA)– Semester – II

Course 2B: Business Economics

Learning Outcomes:

At the end of the course, the student will able to;

- Describe the nature of economics in dealing with the issues of scarcity of resources.
- Analyze supply and demand analysis and its impact on consumer behaviour.
- Evaluate the factors, such as production and costs affecting firms behaviour.
- Recognize market failure and the role of government in dealing with those failures.
- Use economic analysis to evaluate controversial issues and policies.
- Apply economic models for managerial problems, identify their relationships, and formulate the decision making tools to be applied for business.

Syllabus

Unit-I: Introduction: Meaning and Definitions of Business Economics - Nature and Scope of Business Economics -Micro and Macro Economics and their Interface.

Unit-II: Demand Analysis: Meaning and Definition of Demand – Determinants to Demand –Demand Function -Law of Demand – Demand Curve – Exceptions to Law of Demand - Elasticity of Demand – Measurements of Price Elasticity of Demand

Unit – III: Production, Cost and Revenue Analysis: Concept of Production Function – Law of Variable Proportion -Law of Returns to Scale - Classification of Costs -Break Even Analysis - Advantages

Unit-IV: Market Structure: Concept of Market – Classification of Markets -Perfect Competition – Characteristics – Equilibrium Price -Monopoly – Characteristics – Equilibrium Under Monopoly.

Unit-V: National Income:Meaning – Definition – Measurements of National Income - Concepts of National Income -Components of National Income-Problems in Measuring National Income

References:

1. Business Economics -S.Sankaran, Margham Publications, Chennai.
2. Business Economics - Kalyani Publications.
3. Business Economics - Himalaya Publishing House.
4. Business Economics - Aryasri and Murthy, Tata McGraw Hill.
5. Business Economics -H.L Ahuja, Sultan Chand & Sons
6. Principles of Economics -Mankiw, Cengage Publications
7. Fundamentals of Business Economics -Mithani, Himalaya Publishing House
8. Business Economics -A.V. R. Chary, Kalyani Publishers, Hyderabad.
9. Business Economics -Dr K Srinivasulu, Seven Hills International Publishers.

Suggested Co-Curricular Activities:

- ◆ Assignments
- ◆ Student Seminars
- ◆ Quiz , JAM
- ◆ Study Projects
- ◆ Group Discussion
- ◆ Graphs on Demand function and demand curves
- ◆ Learning about markets
- ◆ The oral and written examinations (Scheduled and surprise tests),
- ◆ Market Studies
- ◆ Individual and Group project reports,
- ◆ Annual talk on union and state budget
- ◆ Any similar activities with imaginative thinking beyond the prescribed syllabus

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Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

I Year B Com (Gen)– Semester – II

Course 2C:Banking Theory and Practice

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the basic concepts of banks and functions of commercial banks.
- Demonstrate an awareness of law and practice in a banking context.
- Engage in critical analysis of the practice of banking law.
- Organize information as it relates to the regulation of banking products and services.
- Critically examine the current scenario of Indian Banking system.
- Formulate the procedure for better service to the customers from various banking innovations.

Syllabus:

Unit-I: Introduction:

Meaning & Definition of Bank – Functions of Commercial Banks – Credit Creation with Examples - Kinds of Banks – Central Banking Vs. Commercial Banking.

Unit-II: Banking Systems:

Unit Banking, Branch Banking, Investment Banking - Innovations in Banking – E banking - Online and Offshore Banking, Internet Banking - Anywhere Banking - ATMs – RTGS-NEFT – Mobile Banking

Unit-III: Types of Banks:

Indigenous Banking - Cooperative Banks, Regional Rural Banks, SIDBI, NABARD - EXIM bank

Unit-IV: Banker and Customer:

Meaning and Definition of Banker and Customer – Types of Customers – General Relationship and Special Relationship between Banker and Customer - KYC Norms.

Unit-V: Collecting Banker and Paying Banker:

Concepts - Duties & Responsibilities of Collecting Banker – Holder for Value – Holder in Due Course – Statutory Protection to Collecting Banker - Responsibilities of Paying Banker - Payment Gateways.

Books for Reference:

1. Banking Theory: Law &Practice : K P M Sundram and V L Varsheney, Sultan Chand & Sons.
2. Banking Theory, Law and Practice : B. Santhanam; Margam Publications.
3. Banking Theory and Practice, Seven Hills International Publishers, Hyderabad.
4. Banking and Financial Systems: Aryasri, Tata McGraw-Hill Education India.
5. Introduction to Banking :VijayaRaghavan,Excel books.
6. Indian Financial System :M.Y.Khan, McGraw Hill Education.
7. Banking Theory and Practice, Jagroop Singh, Kalyani Publishers.

Suggested Co-Curricular Activities:

- ◆ Debates
- ◆ Student Seminars
- ◆ Quiz Programmes
- ◆ Visit to Bank premises
- ◆ Guest Lecture by Banking Official
- ◆ Prepare a statement on periodical declarations of RBI like SLR, REPO etc
- ◆ Collection, display and Practicing of filling of different forms used in banks
- ◆ Survey on customers satisfaction of Banking services
- ◆ Know about KYC norms
- ◆ Talk on latest trends in banking industry
- ◆ Online Banking
- ◆ Individual and group project reports
- ◆ Current Affairs of Banking Sector
- ◆ Examinations (Scheduled and surprise tests)
- ◆ Any similar activities with imaginative thinking beyond the prescribed syllabus

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Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen &CA)– Semester – III

Course 3A:Advanced Accounting

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the concept of Non-profit organisations and its accounting process
- Comprehend the concept of single-entry system and preparation of statement of affairs
- Familiarize with the legal formalities at the time of dissolution of the firm
- Prepare financial statements for partnership firm on dissolution of the firm.
- Employ critical thinking skills to understand the difference between the dissolution of the firm and dissolution of partnership

Syllabus

Unit-I:Accounting for Non Profit Organisations: Non Profit Entities- Meaning - Features of Non-Profit Entities –Provisions as per Sec 8 - Accounting Process- Preparation of Accounting Records - Receipts and Payments Account- Income and Expenditure Account - Preparation of Balance Sheet (including problems).

Unit-II: Single Entry System: Features – Differences between Single Entry and Double Entry – Disadvantages of Single Entry- Ascertainment of Profit and Preparation of Statement of Affairs (including Problems).

Unit-III:Hire Purchase System:Features –Difference between Hire Purchase and Instalment Purchase Systems - Accounting Treatment in the Books of Hire Purchaser and Hire Vendor - Default and Repossession (including Problems).

Unit-IV: Partnership Accounts-I: Meaning – Partnership Deed - Fixed and Fluctuating Capitals-Accounting Treatment of Goodwill - Admission and Retirement of a Partner(including problems).

Unit-V: Partnership Accounts-II:Dissolution of a Partnership Firm – Application of Garner v/s Murray Rule in India – Insolvency of one or more Partners (including problems).

References:

1. Advanced Accountancy: T S Reddy and A Murthy by Margham Publications.
2. Financial Accounting: SN Maheswari & SK Maheswari by Vikas Publications.
3. Principles and Practice of Accounting: R.L. Gupta & V.K. Gupta, Sultan Chand & Sons.
4. Advanced Accountancy: R.L.Gupta & Radhaswamy, Sultan Chand & Sons..
5. Advanced Accountancy (Vol-II): S.N.Maheshwari & V.L.Maheshwari, Vikas publishers.
6. Advanced Accountancy: Dr. G. Yogeshwaran, Julia Allen - PBP Publications.
7. Accountancy–III: Tulasian, Tata McGraw Hill Co.
8. Accountancy–III: S.P. Jain & K.L Narang, Kalyani Publishers.
9. Advanced Accounting (IPCC): D. G. Sharma, Tax Mann Publications.
10. Advanced Accounting: Prof B Amarnadh, Seven Hills International Publishers.
11. Advanced Accountancy: M Shrinivas & K Sreelatha Reddy, Himalaya Publishers.

Suggested Co-Curricular Activities:

- Quiz Programs
- Problem Solving exercises
- Co-operative learning
- Seminar
- Visit a single-entry firm, collect data and Creation of Trial Balance of the firm
- Visit Non-profit organization and collect financial statements
- Critical analysis of rate of interest on hire purchase schemes
- Visit a partnership firm and collect partnership deed
- Debate on Garner v/s Murray rule in India and outside India
- Group Discussions on problems relating to topics covered by syllabus
- Examinations (Scheduled and surprise tests) on all units

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II Year B Com (Gen & CA)– Semester – III

Course 3B: Business Statistics

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the importance of Statistics in real life
- Formulate complete, concise, and correct mathematical proofs.
- Frame problems using multiple mathematical and statistical tools, measuring relationships by using standard techniques.
- Build and assess data-based models.
- Learn and apply the statistical tools in day life.
- Create quantitative models to solve real world problems in appropriate contexts.

Syllabus:

Unit 1: Introduction to Statistics: Definition – Importance, Characteristics and Limitations of Statistics -Classification and Tabulation – Frequency Distribution Table -Diagrams and Graphic Presentation of Data (including problems)

Unit 2: Measures of Central Tendency: Types of Averages – Qualities of Good Average - Mean, Median, Mode, and Median based Averages-Geometric Mean – Harmonic Mean(including problems)

Unit 3: Measures of Dispersion: Meaning and Properties of Dispersion – Absolute and Relative Measures - Types of Dispersion-Range - Quartile Deviation (Semi – Inter Quartile Range) -Mean Deviation - Standard Deviation - Coefficient of Variation. (including problems)

Unit 4: Skewness and Kurtosis: Measures of Skewness: Absolute and Relative Measures- Co-efficient of Skewness: Karl Pearson's, Bowley's and Kelly's - Kurtosis: Meso kurtosis, Platy kurtosis and Leptokurtosis (including problems)

Unit 5: Measures of Relation: Meaning and use of Correlation – Types of Correlation - Karlpearson's Correlation Coefficient - Probable Error-Spearman's Rank-Correlation (including problems)

Suggested Readings:

1. Business Statistics, Reddy C.R., Deep Publications.
2. Statistical Methods: Gupta S.P.Sultan Chand & Sons.
3. Statistics-Problems and Solutions: Kapoor V.K, Sultan Chand & Sons.
4. Fundamentals of Statistics: Elhance. D.N
5. Business Statistics, Dr.P.R.Vittal, Margham Publications
6. Business Statistics, LS Agarwal, Kalyani Publications.
7. Statistics: Dr V Murali Krishna, Seven Hills International Publishers.
8. Fundamentals of Statistics: Gupta S.C. Sultan Chand & Sons.
9. Statistics-Theory, Methods and Applications: Sancheti, D.C. & Kapoor V.K.
10. Business Statistics: J.K. Sharma, Vikas Publishers.
11. Business Statistics: Bharat Jhunjhunwala, S Chand Publishers.
12. Business Statistics: S.L.Aggarwal, S.L.Bhardwaj and K.Raghuveer, Kalyani Publishers.

Suggested Co-Curricular Activities

- ◆ Student Seminars, Quiz
- ◆ Problem Solving Exercises
- ◆ Observe Live Population Clocks – India and world
- ◆ Collection of statistical data of village/town, District, State, Nation
- ◆ Participate in Crop Cutting Experiments at villages
- ◆ Percentiles in CET exams
- ◆ Practice Statistical Functions in MS Excel
- ◆ Draw diagrams and Graphs in MS Excel
- ◆ Use statistical tools in real life like class/college results, local production etc
- ◆ Prepare questionnaire and schedule
- ◆ Application of averages in everyday life
- ◆ Examinations (Scheduled and surprise tests)
- ◆ Any similar activities with imaginative thinking beyond the prescribed syllabus

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Semester-wise Syllabus under CBCS

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II Year B Com (Gen)– Semester – III

Course 3C:Marketing

Learning Outcomes:

At the end of the course, the student will able to;

- Develop an idea about marketing and marketing environment.
- Understand the consumer behaviour and market segmentation process.
- Comprehend the product life cycle and product line decisions.
- Know the process of packaging and labeling to attract the customers.
- Formulate new marketing strategies for a specific new product.
- Develop new product line and sales promotion techniques for a given product.
- Design and develop new advertisements to given products.

Syllabus:

Unit-I: Introduction: Concepts of Marketing: Need, Wants and Demand - Marketing Concepts – Marketing Mix - 4 P's of Marketing – Marketing Environment.

Unit-II: Consumer Behaviour and Market Segmentation: Buying Decision Process – Stages – Buying Behaviour – Market Segmentation – Bases of Segmentation - Selecting Segments – Advantages of Segmentation.

Unit-III: Product Management: Product Classification – Levels of Product - Product Life Cycle - New Products, Product Mix and Product Line Decisions - Design, Branding, Packaging and Labelling.

Unit-IV: Pricing Decision: Factors Influencing Price – Determination of Price - Pricing Strategies: Skimming and Penetration Pricing.

Unit-V: Promotion and Distribution: Promotion Mix - Advertising - Sales promotion - Publicity – Public Relations - Personal Selling and Direct Marketing - Distribution Channels – Online Marketing

References:

1. Philip Kotler, Marketing Management, Prentice Hall of India.
2. Philip Kotler & Gary Armstrong, Principles of Marketing, Pearson Prentice Hall.
3. Stanton J. William & Charles Futrel, Fundamentals of Marketing, McGraw Hill.
4. V.S. Ramaswamy S. NamaKumari, Marketing Management – Planning, McMillan.
5. The Consumer Protection Act 1986 and Consumer Protection Act 2019.
6. Dhruv Grewal and Michael Levy, Marketing, McGraw Hill Education.
7. Dr L Natarajan, Financial Markets, Margham Publications.
8. Dr M Venkataramanaiah, Marketing, Seven Hill International Publishers.
9. C N Sonanki, Marketing, Kalyani Publications.

Suggested Co-Curricular Activities:

- Quiz programs
- Seminars
- Practice of Terminology of Marketing
- Guest lectures on various topics by marketing agents,
- Observing consumer behaviour on field trips to local markets
- Visit a manufacturing industry/firm for product manufacturing process
- Showing Graphs on Pricing decisions
- Analyse the advertisements
- Product demonstration by the student
- Conducting the survey on middle man in marketing process
- Making a advertisement
- Examinations (Scheduled and surprise tests)

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen & CA)– Semester – IV

Course 4A:Corporate Accounting

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the Accounting treatment of Share Capital and aware of process of book building.
- Demonstrate the procedure for issue of bonus shares and buyback of shares.
- Comprehend the important provisions of Companies Act, 2013 and prepare final accounts of a company with Adjustments.
- Participate in the preparation of consolidated accounts for a corporate group.
- Understand analysis of complex issues, formulation of well-reasoned arguments and reaching better conclusions.
- Communicate accounting policy choices with reference to relevant laws and accounting standards.

SYLLABUS:

Unit-I:

Accounting for Share Capital: Kinds of Shares – Types of Preference Shares – Issue of Shares at Par, Discount and Premium - Forfeiture and Reissue of Shares (including problems).

Unit-II:

Issue and Redemption of Debentures and Issue of Bonus Shares: Accounting Treatment for Debentures Issued and Repayable at Par, Discount and Premium - Issue of Bonus Shares - Buyback of Shares - (including problems).

Unit-III:

Valuation of Goodwill: Need and Methods - Average Profit Method, Super Profits Method – Capitalization Method and Annuity Method (Including problems).

Unit –IV:

Valuation Shares: Need for Valuation - Methods of Valuation - Net Assets Method, Yield Basis Method, Fair Value Method (including problems).

UNIT – V:

Company Final Accounts: Provisions of the Companies Act, 2013 - Preparation of Final Accounts – Adjustments Relating to Preparation of Final Accounts – Profit and Loss Account and Balance Sheet – (including problems with simple adjustments).

Reference Books:

1. Corporate Accounting – T.S Reddy and Murthy, Margham Publications, Chennai.
2. Advanced Accounts: M C Shukla, T S Grewal and S C Gupta, S Chand Publications
3. Corporate Accounting – Haneef & Mukherji, Tata McGraw Hill Publications.
4. Corporate Accounting – RL Gupta & Radha Swami, Sultan Chand & sons
5. Corporate Accounting – P.C. Tulsian, S.Chand Publishers
6. Advanced Accountancy: Jain and Narang, Kalyani Publishers
7. Advanced Accountancy: R.L. Gupta and M.Radhaswamy, S Chand.
8. Advanced Accountancy :Chakraborty, Vikas Publishers
9. Corporate Accounting: S.N. Maheswari, S.K. Maheswari, Vikas Publishing House.
10. Advanced Accounts: M.C. Shukla, T.S. Grewal, S.C. Gupta, S. Chand & Company
11. Corporate Accounting: Umamaheswara Rao, Kalyani Publishers
12. Corporate Accounting: Dr ChandaSrinivas, SevenHills International Publishers,
13. Advanced Accountancy: Arulanandam& Raman, Himalaya Publishing House.

Suggested Co-Curricular Activities:

- Assignments
- Problem Solving Exercises
- Collect and fill the share application form of a limited Company
- Collect Prospectus of a company and identify its salient features
- Collect annual report of a Company and List out its assets and Liabilities.
- Collect the annual reports of company and calculate the value of goodwill under different methods
- Power point presentations on types of shares and share capital
- Group Discussions on problems relating to topics covered by syllabus

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen & CA)– Semester – IV

Course 4B: Cost and Management Accounting

Learning Outcomes:

At the end of the course, the student will be able to;

- Understand various costing methods and management techniques.
- Apply Cost and Management accounting methods for both manufacturing and service industry.
- Prepare cost sheet, quotations, and tenders to organization for different works.
- Analyze cost-volume-profit techniques to determine optimal managerial decisions.
- Compare and contrast the financial statements of firms and interpret the results.
- Prepare analysis of various special decisions, using relevant management techniques.

SYLLABUS:

UNIT-I: Introduction:

Cost Accounting: Definition – Features – Objectives – Functions – Scope – Advantages and Limitations - Management Accounting: Features – Objectives – Functions – Elements of Cost - Preparation of Cost Sheet (including problems)

UNIT-II: Material and Labour Cost:

Techniques of Inventory Control – Valuation of Material Issues: FIFO - LIFO - Simple and Weighted Average Methods

Labour: Direct and Indirect Labour Cost – Methods of Payment of Wages- Incentive Schemes -Time Rate Method, Piece Rate Method, Halsey, Rowan Methods and Taylor Methodsonly(including problems)

UNIT-III: Job Costing and Batch Costing:

Definition and Features of Job Costing – Economic Batch Quantity (EBQ) – Preparation of Job Cost Sheet – Problems on Job Cost Sheet and Batch Costing(including problems)

UNIT-IV: Financial Statement Analysis and Interpretation:

Financial Statements - Features, Limitations. Need, Meaning, Objectives, and Process of Financial Statement Analysis- Comparative Analysis – Common Size Analysis and Trend Analysis (including problems)

UNIT-V: Marginal Costing:

Meaning and Features of Marginal Costing – Contribution –Profit Volume Ratio- Break Even Point – Margin of Safety – Estimation of Profit and Estimation of Sales(including problems)

References:

1. S.P. Jain and K.L. Narang – Advanced Cost Accounting, Kalyani Publishers.
2. M.N. Arora – A test book of Cost Accounting, Vikas Publishing House Pvt. Ltd.
3. S.P. Iyengar – Cost Accounting, Sultan Chand & Sons.
4. Nigam & Sharma – Cost Accounting Principles and Applications, S.Chand& Sons.
5. S.N. Maheswari– Principles of Management Accounting, Sultan Chand & Sons.
6. I.M.Pandey – Management Accounting, Vikas Publishing House Pvt. Ltd.
7. Sharma & Shashi Gupta – Management Accounting, Kalyani Publishers.
8. Murthy & Guruswamy – Management Accounting, Tata McGraw Hill, New Delhi.
9. S.P. Gupta – Management Accounting, S. Chand Publishing, New Delhi.
10. Umamaheswara Rao and Ranganath, Cost Accounting, Kalyani Publishers.
11. Dr V Murali Krishna – Cost Accounting, Seven Hills International Publishers.

Suggested Co-Curricular Activities:

- ◆ Debate on methods of payments of wages
- ◆ Seminars
- ◆ Problem Solving Exercises
- ◆ Seminar on need and importance of financial statement analysis
- ◆ Graphs showing the breakeven point analysis
- ◆ Identification of elements of cost in services sector by Visiting any service firm
- ◆ Cost estimation for the making of a proposed product
- ◆ Listing of industries located in your area and methods of costing adopted by them
- ◆ Collection of financial statements of any two organization for two years and prepare a common Size Statements
- ◆ Collection of cost sheet and pro-forma of quotation
- ◆ Examinations (Scheduled and surprise tests)

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen& CA)– Semester – IV

Course 4C:Income Tax

Learning Outcomes:

At the end of the course, the student will able to;

- Acquire the complete knowledge of the tax evasion, tax avoidance and tax planning.
- Understand the provisions and compute income tax for various sources.
- Grasp amendments made from time to time in Finance Act.
- Compute total income and define tax complicacies and structure.
- Prepare and File IT returns of individual at his own.

Syllabus:

Unit-I: Introduction: Income Tax Act-1961 - Basic Concepts: Income, Person, Assessee - Assessment Year, Previous Year, Rates of Tax, Agricultural Income, Residential Status of Individual - Incidence of Tax – Incomes Exempt from Tax (theory only).

Unit-II: Income from Salaries: Basis of Charge, Tax Treatment of Different Types of Salaries Allowances, Perquisites, Profits in Lieu of Salary, Deductions from Salary Income, Computation of Salary Income (including problems).

Unit-III: Income from House Property and Profits and Gains from Business: Annual Value, Let-out/Self Occupied/Deemed to be Let-out house - Deductions from Annual Value - Computation of Income from House Property

Definition of Business and Profession – Procedure for Computation of Income from Business – Revenue and Capital Nature of Incomes and Expenses – Allowable Expenses – Expenses Expressly Disallowed – Computation (including problems).

Unit-IV: Income from Capital Gains - Income from Other Sources: Meaning of Capital Asset – Types – Procedure for Computation of Long-term and Short-term Capital Gains/Losses

Meaning of Other Sources - General Incomes – Specific Incomes – Computation (including problems).

Unit-V: Computation of Total Income of an Individual: Deductions under Section 80 - Computation of Total Income (Simple problems).

Reference Books:

1. Dr. Vinod; K. Singhania; Direct Taxes – Law and Practice, Taxman Publications
2. T. S. Reddy and Dr. Y. Hari Prasad Reddy - Taxation , by Margham Publications
3. Premraj and Sreedhar, Income Tax, Hamsrala Publications
4. B.B. Lal - Direct Taxes; Konark Publications
5. Dr. Mehrotra and Dr. Goyal -Direct Taxes, Law and Practice, Sahitya Bhavan Publication.
6. Balachandran&Thothadri- Taxation Law and Practice, PHI Learning.
7. V.P. Gaur and D.B. Narang - Income Tax, Kalyani Publications
8. Dr Y Kiranmayi - Taxation, Jai Bharath Publishers
9. Income Tax, Seven Lecture Series, Himalaya Publications

Suggested Co-Curricular Activities:

- Seminar on different topics of Income tax
- Quiz programs
- Problem Solving Exercises
- Debate on Tax Evasion and Avoidance
- Practice of provisions of Taxation
- Visit a Tax firm
- Talk on Finance Bill at the time of Union Budget
- Guest lecture by Chartered Accountant
- Presentation of tax rates
- Practice of filing IT Returns online
- Group Discussions on problems relating to topics covered by syllabus
- Examinations (Scheduled and surprise tests)

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen & CA)– Semester – IV

Course 4D:Business Law

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the legal environment of business and laws of business.
- Highlight the security aspects in the present cyber-crime scenario.
- Apply basic legal knowledge to business transactions.
- Understand the various provisions of Company Law.
- Engage critical thinking to predict outcomes and recommend appropriate action on issues relating to business associations and legal issues.
- Integrate concept of business law with foreign trade.

Syllabus:

Unit-I: Contract:

Meaning and Definition of Contract - Essential Elements of Valid Contract -Valid, Void and Voidable Contracts - Indian Contract Act, 1872

Unit-II: Offer, Acceptance and Consideration:

Definition of Valid Offer, Acceptance and Consideration - Essential Elements of a Valid Offer, Acceptance and Consideration.

Unit-III: Capacity of the Parties and Contingent Contract:

Rules Regarding to Minors Contracts - Rules Relating to Contingent Contracts - Different Modes of Discharge of Contracts - Rules Relating to Remedies to Breach of Contract.

Unit-IV: Sale of Goods Act 1930 and Consumer Protection Act 2019:

Contract of Sale - Sale and Agreement to Sell - Implied Conditions and Warranties - Rights of Unpaid Vendor- Definition of Consumer - Person - Goods - Service - Consumer Dispute - Consumer Protection Councils - Consumer Dispute Redressal Mechanism

Unit-V: Cyber Law:

Overview and Need for Cyber Law - Contract Procedures - Digital Signature – Safety Mechanisms.

References:

1. J. Jaysankar, Business Laws, Margham Publication. Chennai.
2. ND Kapoor, Business Laws, S Chand Publications.
3. Balachandram V, Business law, Tata McGraw Hill.
4. Tulsian, Business Law, Tata McGraw Hill.
5. Pillai Bhagavathi, Business Law, S Chand Publications.
6. Business Law, Seven Hills Publishers, Hyderabad.
7. K C Garg, Business Law, Kalyani Publishers.

Suggested Co-Curricular Activities

- ◆ Seminar on Basics of Indian Contract Act, 1872
- ◆ Quiz programs
- ◆ Co-operative learning
- ◆ Seminar on Cyber Law
- ◆ Group Discussions
- ◆ Debate on Offer, Agreement, and Contract
- ◆ Creation of Contract by abiding rules of Indian Contract Act, 1872
- ◆ Making a sale by abiding rules of Sale of Goods Act, 1930
- ◆ Guest lecture by a Lawyer/Police officer
- ◆ Celebrating consumers day by creating awareness among the students
- ◆ Examinations (Scheduled and surprise tests)
- ◆ Any similar activities with imaginative thinking beyond the prescribed syllabus

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen& CA)– Semester – IV

Course 4E: Auditing

Learning Outcomes:

At the end of the course, the student will able to;

- Understanding the meaning and necessity of audit in modern era
- Comprehend the role of auditor in avoiding the corporate frauds
- Identify the steps involved in performing audit process
- Determine the appropriate audit report for a given audit situation
- Apply auditing practices to different types of business entities
- Plan an audit by considering concepts of evidence, risk and materiality

SYLLABUS:

Unit-I: Introduction: Meaning – Objectives – Importance of Auditing – Characteristics - Book Keeping vs Auditing - Accounting vs Auditing – Role of Auditor in Checking Corporate Frauds.

Unit-II: Types of Audit: Based on Ownership, Time and Objective - Independent, Financial, Internal, Cost, Tax, Government, Secretarial Audits

Unit-III: Planning of Audit: Steps to be taken at the Commencement of a New Audit – Audit Programme - Audit Note Book– Audit Working Papers - Audit Evidence - Internal Check, Internal Audit and Internal Control.

Unit-IV: Vouching and Investigation: Definition and Importance of Vouching – Objectives of Vouching -Vouching of Cash and Trading Transactions – Investigation - Auditing vs. Investigation

Unit-V: Company Audit and Auditors Report: Auditor's Qualifications – Appointment and Reappointment – Rights, Duties, Liabilities and Disqualifications - Audit Report: Contents –Preparation - Relevant Provisions of Companies Act, 2013.

References:

1. S.Vengadamani, "Practical Auditing", Margham Publications, Chennai.
2. Ghatalia, "Principles of Auditing", Allied Publishers Pvt. Ltd., New Delhi.
3. Pradeesh Kumar, BaldevSachdeva&Jagwant Singh, "Auditing Theory and Practice,Kalyani Publications
4. N.D. Kapoor, "Auditing", S Chand, New Delhi.
5. R.G. Saxena, "Principles and Practice of Auditing", Himalaya Publishing House New Delhi
6. JagadeshPrakesh, "Principles and Practices of Auditing", Kalyani Publications
7. Kamal Gupta and Ashok Gupta, "Fundamentals of Auditing", Tata McGraw Hill
8. B.N. Tondan, "Practical Auditing", S.Chand, New Delhi.
9. K J Vijaya Lakshmi & A S Roopa, Auditing, Seven Hills International Publishers, Hyderabad

Suggested Co-Curricular Activities:

- Seminars
- Visit the audit firms
- Visit an audit firm, write about the procedure followed by them in Auditing the books of accounts of a firm.
- Guest lecture by an auditor
- Collect the information about types of audit conducted in any one Organization
- Collection of audit reports
- Group Discussions
- Draft an audit program.

PROGRAMME: THREE-YEAR B COM

(General and Computer Applications)

Course Code:

Domain Subject: Commerce

Semester-wise Syllabus under CBCS

(w.e.f. 2020-21 Admitted Batch)

II Year B Com (Gen)– Semester – IV

Course 4F:Goods and Service Taxes

Learning Outcomes:

At the end of the course, the student will able to;

- Understand the basic principles underlying the Indirect Taxation Statutes.
- Examine the method of tax credit. Input and Output Tax credit and Cross Utilisation of Input Tax Credit.
- Identify and analyze the procedural aspects under different applicable statutes related to GST.
- Compute the assessable value of transactions related to goods and services for levy and determination of duty liability.
- Develop various GST Returns and reports for business transactions in Tally.

Syllabus:

Unit I: Introduction: Overview of GST - Concepts –Taxes Subsumed under GST – Components of GST- GST Council- Advantages of GST-GST Registration.

Unit II: GST Principles –Vijay Kelkar Sha Committee Recommendations - Comprehensive Structure of GST Model in India: Single, Dual GST – GST Rates - Taxes Exempted from GST- Taxes and Duties outside the purview of GST- Taxation of Services

Unit-III: Tax Invoice- Bill of Supply-Transactions Covered under GST-Composition Scheme- Reverse Charge Mechanism- Composite Supply -Mixed Supply.

Unit-IV: Time of Supply of Goods & Services: Value of Supply - Input Tax Credit - Distribution of Credit -Matching of Input Tax Credit - Availability of Credit in Special Circumstances- Cross utilization of ITC between the Central GST and the State GST.

Unit-V:GST Returns: Regular Monthly Filing Returns-Composition Quarterly Filing Returns-GSTR-1, GSTR-2, GSTR 2A, GSTR-3, GSTR 3B -Annual Returns GSTR-9, GSTR 9A, GSTR 9B& GSTR 9C - Records to be Maintained under GST

References:

1. T. S. Reddy and Dr. Y. Hari Prasad Reddy, Business Taxation (Goods and Services Taxes), Margham Publications.
2. Taxmann's Basics of GST.
3. Taxmann's GST: A practical Approach.
4. Theory & Practice of GST, Srivathsala, Himalaya Publishing House.
5. Goods and Services Tax in India - Notifications on different dates.
6. GST Bill 2012.
7. Background Material on Model GST Law, Sahitya Bhawan Publications.
8. The Central Goods and Services Tax Act, 2017, No. 12 of 2017 Published by Authority,
9. Ministry of Law and Justice, New Delhi, the 12th April, 2017.
10. Theory & Practice of GST: Dr. Ravi M.N, BPB Publications.

Suggested Co-Curricular Activities

- Seminars
- Show the flow chart of GST Suvidha Provider (GST).
- Practice of Terminology of Goods and Service Tax
- Prepare chart showing rates of GST
- Follow GST Council meeting updates regularly
- Creation of GST Vouchers and Tax invoices
- Visit a Tax firm (Individual and Group)
- Guest lecture by GST official
- Prepare Tax invoice under the GST Act.
- Practice on how to file a Returns
- Debate on Single GS, Dual GST
- Group Discussions on Goods and Services outside the Purview of GST

Recommended Format for Question Paper

For Courses 1A, 2A, 3A, 3B, 4A, 4B, 4C

Time: 3 Hours]

[Max. Marks : 75

Section-A

[5X5=25]

Answer any **FIVE** of the following questions.

(at least 4 problems must be given)

- 1 Contents of **Unit-I**
- 2 Contents of **Unit-II**
- 3 Contents of **Unit-III**
- 4 Contents of **Unit-IV**
- 5 Contents of **Unit-V**
- 6 Contents of **Unit-I to Unit V**
- 7 Contents of **Unit-I to Unit V**
- 8 Contents of **Unit-I to Unit V**

Section-B

[5X10=50]

Answer **FIVE** questions

- 9 a Contents of **Unit-I**(Theory/Problem)
(OR)
9 b Contents of **Unit-I**(Problem)
- 10 a Contents of **Unit-II**(Theory/Problem)
(OR)
10 b Contents of **Unit-II**(Problem)
- 11 a Contents of **Unit-III**(Theory/Problem)
(OR)
11 b Contents of **Unit-III**(Problem)
- 12 a Contents of **Unit-IV**(Theory/Problem)
(OR)
12 b Contents of **Unit-IV**(Problem)

13 a Contents of **Unit-V**(Theory/Problem)

(OR)

13 b Contents of **Unit-V**(Problem)

Recommended Format for Question Paper

For Courses 1B, 1C, 2B, 2C, 3C, 4D, 4E,4F

Time: 3 Hours]

[Max. Marks : 75

Section-A

[5X5=25]

Answer any **FIVE** of the following questions.

- 1 Contents of **Unit-I**
- 2 Contents of **Unit-II**
- 3 Contents of **Unit-III**
- 4 Contents of **Unit-IV**
- 5 Contents of **Unit-V**
- 6 Contents of **Unit-I to Unit V**
- 7 Contents of **Unit-I to Unit V**
- 8 Contents of **Unit-I to Unit V**

Section-B

[5X10=50]

Answer **FIVE** questions

- 9 a Contents of **Unit-I**
(OR)
- 9 b Contents of **Unit-I**

- 10 a Contents of **Unit-II**
(OR)
- 10 b Contents of **Unit-II**

- 11 a Contents of **Unit-III**
(OR)
- 11 b Contents of **Unit-III**

- 12 a Contents of **Unit-IV**
(OR)
- 12 b Contents of **Unit-IV**

13 a Contents of **Unit-V**

(OR)

13 b Contents of **Unit-V**

SUBJECT EXPERTS

Prof. M. Venkateswarlu

Dept of Commerce, S V University, Tirupathi

Dr.D.Jayarama Reddy

Dept of Commerce, Govt College (A), Anantapur

Dr. K. Srinivasa Rao

Dept of Commerce, Govt. Degree College, Ravulapalem

SYLLABUS VETTED BY

Prof. M. Rajasekhar

Dept of Commerce, S V University, Tirupathi

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

REVISED UG SYLLABUS UNDER CBCS

(Implemented from Academic Year 2020-21)

PROGRAMME: FOUR YEAR B.Com. (Hons)

Domain Subject: Commerce***Skill Enhancement Courses (SECs) for Semester V, from 2022-23 (Syllabus with Learning Outcomes, References, Co-curricular Activities & Model Q.P. Pattern)*****Structure of SECs for Semester- V***(To choose Three pairs from the Nine alternate pairs of SECs)**(For each SEC: Hours/Week: 05, Credits: 4, Max Marks: 100)*

Pairs of Skill Enhancement Courses (SEC) under each series in Commerce for Semester-V.

Course No.	Series-A: Accountancy	Course No.	Series-B: Services	Course No.	Series-C: E commerce
	<i>Course Name</i>		<i>Course Name</i>		<i>Course Name</i>
16-A	Advanced Corporate Accounting	16-B	Advertising and Media Planning	16-C	Digital Marketing
17-A	Software Solutions to Accounting	17-B	Sales Promotion and Practice	17-C	Service Marketing
18-A	Management Accounting	18-B	Logistics Services and Practice	18-C	Income Tax Procedure & Practice
19-A	Cost Control Techniques	19-B	EXIM Procedure and practice	19-C	GST Procedure & Practice
20-A	Stock Markets	20-B	Life Insurance with Practice	20-C	E Commerce
21-A	Stock Market Analysis	21-B	General Insurance with practice	21-C	E filing

Note-1: In Semester-V a B.Com. General students have to study Three pairs of SECs (a total of 6 courses). The Pairs are, SEC numbers 16 & 17, 18 & 19 and 20 & 21. As there shall be choice to students under CBCS, a total of 9 pairs shall be offered from which B.Com. General students have to choose a total of Three pairs of SECs.

The 9 pairs are from 3 series namely (A) Accountancy, (B) Services and (C) E-Commerce. Students can, however, choose their **Three pairs** from any of the **Nine** pairs but a pair shall not be broken.

For example students can choose any Three pairs like the following;
16-A & 17-A (from Accountancy), 18-B, 19-B (from Services) and 20-C, 21-C from E-Commerce.

Or 16-A & 17-A, 18-C & 19-C and 20-B & 21-B
Or 16-B & 17-B, 18-A & 19-A and 20-C & 21-C
Or 16-B & 17-B, 18-C & 19-C and 20-A & 21-A
Or 16-C & 17-C, 18-B & 19-B and 20-A & 21-A
Or 16-C & 17-C, 18-A & 19-A and 20-B, 21-B

Whereas, B.Com Computers Students can choose any two pairs from the above 9 pairs.

Note-2: One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate skills related to the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situations.

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four- year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com. (Hons) – Semester – V

Max Marks: 100

Course 16-A. ADVANCED CORPORATE ACCOUNTING
(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After completing the course, the student shall be able to:

1. Understand Corporate Accounting environment
2. Record Transactions related to Purchase of Business, Amalgamation and Reconstruction
3. Analyze the situations of Purchase of Business and Liquidation
4. Create formulas and calculations relating to Amalgamation, Internal Reconstruction and Holding company accounts
5. Acquire skills of Accounting Procedure of Advanced Corporate Accounting Environment.

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit-I: Purchase of Business

Meaning - Purchase Consideration - Methods for determining Purchase Consideration-Discharge of Purchase Consideration-Accounting Treatment.

Unit-II: Amalgamation of Companies

Meaning and Objectives - Provisions for Amalgamation of Companies as per Accounting Standard 14 - Accounting Treatment.

Unit-III: Internal Reconstruction of Companies

Meaning - Forms of Internal Reconstruction - Alteration of Share Capital and Reduction of Share Capital- Accounting Treatment.

Unit-IV: Accounts of Holding Companies

Meaning of Holding Companies and Subsidiary companies- Consolidated Financial Statements- Legal requirements on Consolidation-Calculation of Minority Interest- Accounting Treatment.

Unit-V: Liquidation

Meaning - Modes of Winding up of a Company- - Liquidator's Final Statement of Account - Calculation of Liquidator's Remuneration - Preparation of Statement of Affairs and Deficiency Account- Accounting Treatment

III. References:

1. Goyal, Bhushan Kumar. Corporate Accounting. Taxmann, New Delhi
2. Kumar, Alok. Corporate Accounting. Kitab Mahal
3. Monga, J. R. Fundamentals of Corporate Accounting. Mayur Paper Backs, New Delhi
4. Sah, Raj Kumar, Concept Building Approach to Corporate Accounting, Cengage
5. Sehgal Ashok & Sehgal Deepak. Corporate Accounting
6. Tulsian P. C. Corporate Accounting. S Chand & Co. New Delhi
7. <https://thebookee.net/ad/advanced-corporate-accounting-and-accounting-standards>
8. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities:

A. Mandatory (student training by teacher in related real time field skills: total 10 hours):

1. **For Teachers:** Training of students by the teacher (using actual field material) in classroom and field for a total of not less than 10 hours on techniques in Advanced Corporate Accounting. Accounts and calculation in the event of recent Mergers, Liquidations and Internal Reconstruction.
 - a. Calculation of Purchase Consideration for a given purchase of business (ref. unit-1)
 - b. Preparation of Accounts for Recent Banking Companies mergers (ref. unit-2)
 - c. Design Reconstruction formula for a current sick Company. (Ref. unit-3)
 - d. Calculate Minority Interest for a given Company (ref. unit 4)
 - e. Preparation of Statement of Affairs for a recent Liquidation (ref. unit.5)
2. **For Students:** Individual Fieldwork/Project work on identified real time situations with respect to Amalgamation, Liquidation, Purchase Consideration. On practical aspects dealt with by an Auditor. Each student has to make observations and submit to the teacher a handwritten Fieldwork/Project work Report, not exceeding 10 pages, on his/her observations etc.
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work Report: (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments including technical assignments like Working with Audit Company for Observation of Purchase Consideration and Observation of recent Amalgamations in Banking Sector and Corporate Sector
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Field Visit
5. Invited Lectures and presentations on related topics .

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

Out of Eight covering all units

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

Out of Eight covering all units.

Course 17- A. SOFTWARE SOLUTIONS TO ACCOUNTING

(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After completing the course, the student shall be able to:

At the end of the course, the student will able to;

1. Understand the technical environment of accounting softwares.
2. Highlight the major accounting softwares in India.
3. Apply basics of accounting softwares into business firms for accounting transactions.
4. Understand the various versions of Tally and other softwares.
5. Integrate the concept of different Accounting softwares for accounting purpose
6. Design new approaches for use of accounting software environment.

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit-1: Computerized Accounting

Microsoft Excel Spread Sheet- Functions in Excel- Preparation of Accounts, Statements and Budgets using MS Excel- Analysis and Interpretation.

Unit-II: Introduction to Leading Accounting Softwares - Busy - Marg – Quick Books - Zoho Books -Tally- Features and Accounting.

Unit-III: Tally ERP-9 - Company Creation -Tally Startup Screen- Gateway of Tally- Create a Company - Alter & Delete company- Backup and Restore- Security Features in Tally.

Unit-IV: Tally- Accounting Masters- Groups- Create Ledgers- Alter& Delete - Inventory Masters- Creating Stock Groups - Stock Items- Unit of Measurement- Alter & Delete.

Unit- V: Tally-Voucher Entry -Vouchers Types - Vouchers Entry - Alter and deleting Settings Purchase Vouchers and Sales Vouchers including Tax component –Reports Generation.

III: References

1. Nadhani, Ashok K, Tally ERP 9 Training Guide, BPB Publications
2. Tally 9 in Simple Steps, Kogent Solutions Inc., John Wiley & Sons.
3. Tally 9.0 (English Edition), (Google eBook) Computer World
4. Tally.ERP 9 Made Simple Basic Financial Accounting by BPB Publisher.

5. Tally ERP 9 For Real Time Accounting by Avichi Krishnan
6. Fundamentals of Computers, by V. Rajaraman, PHI.
7. Tally ERP 9 book advanced user, Swayam Publication (www.tallyerp9book.com)
8. *Web resources suggested by the Teacher concerned and the College Librarian including reading material*

IV. Co-Curricular Activities

A. **Mandatory**(*student training by teacher in related real time field skills: total 10 hours*):

1. **For Teachers:** Training of students by the teacher (using actual field material) in classroom and field for a total of not less than 10 hours on techniques in Computerized Accounting, working with Accounting Software. Train the students in Computerized Accounts with selected Accounting software.
 - a. Working with Excel-Spread sheet calculations and tabulation Lab Practice (Ref. unit-1)
 - b. Working with any accounting software- analyze the special characters (ref. unit-2)
 - c. Company Creation Lab Practice-(ref. unit-3)
 - d. Creating Masters in Tally with a given Company- Lab Work .Lab Work (ref. Unit 4)
 - e. Voucher Entry for Given Transactions- Generation of Reports for a given Company Lab Work (ref.Unit.5)
2. **For Student:** Each student has to visit at least one business organization dealt with Computerized Accounting. Collect data relating to the business transactions and practice in college computer lab. Each student has to prepare one System based accounting during the semester. They shall write their observations and submit a Fieldwork/Project work report, not exceeding 10 pages, to the teacher in the given format.
3. Max marks for Fieldwork/Project work Report: 05
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, Contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments including technical assignments like Working with Excel & Tally
3. Seminars, Conferences, Discussions by inviting concerned institutions
4. Field Visit
5. Invited lectures and presentations on related topics

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT Questions COVERING ALL UNITS

Four-Year B. Com. (Hons)
Domain Subject: **COMMERCE**
IV YEAR B. COM. (HONS) - Semester -V

Max Marks: 100

Course 18 A: MANAGEMENT ACCOUNTING AND PRACTICE
(Skill Enhancement Course (Elective), Credits: 04)

I. Learning Outcomes

Upon successful completion of the course the student will be able to

1. Understand the nature and scope of management accounting and differentiate management accounting, financial accounting and cost accounting.
2. Compute ratios and draw inferences
3. Analyze the performance of the organization by preparing funds flow statement and cash flow statements
4. Prepare cash budget, fixed budget and flexible budget.

II. Syllabus : *(Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)*

UNIT I: Introduction

Nature & Scope of Management Accounting – Management Accounting Principles – Significance of Management Accounting - Difference between management accounting, financial accounting and Cost accounting – Limitations of Management Accounting – Installation of Management Accounting – Tools of Management Accounting.

UNIT 2: Ratio Analysis

Meaning - Advantages and Limitation of Ratio Analysis – Types of Ratios –Profitability Ratios- Gross Profit Ratio (GPR) – Net Profit Ratio (NPR) – Operating Ratio –Solvency Ratios- Current Ratio – Liquidity Ratio – Debt-Equity Ratio-Turnover Ratios-Fixed Assets Turnover Ratio – Working Capital Turnover Ratio – Debtors Turnover Ratio – Creditors Turnover Ratio - Stock Turn Over Ratio - Return on Investment (ROI)-Calculation and interpretation.

UNIT 3: Fund Flow and Cash Flow Analysis as per AS3

Meaning and Concept of Working Capital (Fund) – Fund Flow Statement –Meaning and Uses of Funds Flow Statement – Preparation of Funds Flow Statement. Cash Flow Statement – Meaning and Uses of Cash Flow Statement – Preparation of Cash Flow Statement – Difference between Cash Flow Statement and Funds flow Statement.

UNIT 4: Budgeting and Budgetary Control

Meaning of Budget – Forecast and Budget - Elements of Budget – Features – objectives and budget procedure – Classification of Budgets - Meaning of Control – Meaning of Budgetary control – objectives of Budgetary control system – Advantages and Limitations of Budgetary control system. Prepare cash budget, fixed budget and flexible budget.

UNIT 5: Management Reporting:

Reports - Meaning – Modes of Reporting – Requisites of a good report – Kinds of Reports – General formats of Reports - Need for Management Reporting- financial reporting Vs. Management Reporting - Strategies for Writing Effective Reporting.

III. References

1. Management Accounting and financial control S.N. Maheswari, Sultan Chand and Sons.
2. Principles of Management Accounting by Manmohan & Goyal, Publisher: PHI Learning
3. Cost and Management Accounting by SP Jain and KL Narang
4. Introduction to Management Accounting – Horn green and Sundlem
Publisher: PHI Learning
5. Cost and Management Accounting by M.N. Arora, Vikas Publishing House PVT ltd.,
6. Management Accounting: Text, Problems & Cases by Khan & Jain, Tata McGraw Hill (TMH)

Web Sources: Web sources suggested by the concerned teacher and college librarian including reading material.

IV. Co-Curricular Activities:

A Mandatory: *(student training by teacher in related real time field skills: total 10 hours)*

1. Teachers: Teacher shall provide students with financial data relating to business organizations and train them (using actual field material) to present such data in a more meaningful manner to facilitate managerial decision making, preparation of various budgets, forecast, analyze, interpret and present such information in different reporting forms.

2. Student: Students shall visit any local company and collect their financial data or from web sources. Differentiate management accounting, financial accounting and cost accounting. Extract the Financial data of any company and Compute Ratios and draw inferences, prepare Cash budgets, Fixed and flexible budgets and submit a brief report after analyzing such data.

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Organize short term training on specific technical skills in collaboration with Computer Department or skill training institution (Government or Non-Government Organization).
2. Seminars/Conference/ Workshops on management accountant profession, skills required for Management accountant Professional Development, integration of technical and analytical skills for effective job performance, Ethical behavior of management accountant.
3. On job work with ICMA professional duration of work be decided on the basis of feasibility and opportunity.
4. Interaction with Area Specific Experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT Questions COVERING ALL UNITS

Four-Year B. Com. (Hons)
Domain Subject: COMMERCE
IV YEAR B. COM. (HONS) - Semester -V

Course19 A: COST CONTROL TECHNIQUES
(Skill Enhancement Course (Elective) 4 credits)

I. Learning Outcomes

Up on completion of the course the student will be able to

1. Differentiate cost control, cost reduction concepts and identify effective techniques.
2. Allocate overheads on the basis of Activity Based Costing.
3. Evaluate techniques of cost audit and rules for cost record.
- 4: Appraise the application of marginal costing techniques to evaluate performances, fix selling price, make or buy decisions.

II. Syllabus: (Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit 1: Introduction-Nature and Scope

Introduction: Meaning of Cost Control – Cost Control Techniques – Requisites of effective Cost Control System – Cost Reduction – meaning – essentials for an effective cost Reduction Program – Scope of cost reduction - Difference between Cost Control and Cost Reduction –Meaning of cost audit – Types of Cost Audit – Auditing techniques.

Unit 2: Activity Based Costing

Concept of ABC – Characteristics of ABC – Categories of ABC – Allocation of Overheads under ABC – Cost Reduction under ABC – advantages of implementing ABC –Application on overhead allocation on the basis of ABC-

Unit 3: Cost Volume Profit Analysis (CVP Analysis)

Applications of Marginal Costing – profit planning – Evaluation of Performance-fixing selling price – Key Factor –Make or Buy decision – Accept or Reject - closing down or suspending activities –

Unit 4: Standard Costing and Variance Analysis

Concept of Standard Cost and Standard Costing – Advantages and limitations – analysis of variances-importance of Variance Analysis - computation and application of variances relating to material and labour.

Unit 5: Application of Modern Techniques

Kaizen Costing – Introduction – objectives – scope –Principles – 5 S (Sort, Set in Order, Shine, Standardize, and Sustain) in Kaizen Costing– Advantages and Disadvantages of Kaizen Costing. Learning Curve Analysis-concept and Application.

III. References

1. Cost and Management Accounting by SP Jain and KL Narang.
2. Cost Accounting by M.C. Shukla, T. S. Grewal & Dr M. P. Gupta, S. Chand and Company Private Limited, New Delhi

3. Cost Accounting: Principles & Practice Book by M. N. Arora, Vikas Publishing House Private Limited.

4. Advanced Cost Accounting: JK Mitra, New Age International

5. Advanced Cost Accounting: SN Maheswari, S. Chand and Company Private Limited, New Delhi.

Web Sources: Web sources suggested by the concerned teacher and college librarian including reading material.

IV. Co-Curricular Activities:

A. Mandatory (*student training by teacher in related real time field skills: total 10 hours*)

1. **For Teachers:** Teacher should train students (using actual field material) in classroom/field for not less than 10 hours on techniques relating to determine fixed Costs, variable costs based on the data of concerned firm, to identify and analyze of cost variances and to prepare budgeting reports of business/industry houses.

2. **Students:** Students should develop skills by adopting techniques on differences between cost controls and cost reduction, allocation of overheads on the basis of Activity Based Costing. Should visit any business and learn the methods and techniques of ascertaining costs of various products using with same material, machine and money under same management (For example, Dairy, Sweet, Leather products etc.) and identify the reasons for variances in estimated and actual cost and submit a report in the given format not exceeding 10 pages to the teacher

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Organize short term training on specific technical skills in collaboration with Computer Department or skill training institution (Government or Non-Government Organization). Like Zoho, Fresh book, MS Excel....

2. Seminars/Conference/ Workshops on Cost accountant profession, skills required for cost accountant Professional Development, integration of technical and analytical skills for effective job performance, Ethical behaviour of management accountant.

3. Real time work experience with ICMA professional duration of work be decided on the basis of feasibility and opportunity.

4. Arrange for Interaction with Area Specific Experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF N EGHIT COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EGHITCOVERING ALL UNITS

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com. (Hons) – Semester – V

Max Marks: 100

Course-20 A: STOCK MARKETS
(Skill Enhancement Course (Elective), 4 Credits)

I. Learning Outcomes:

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

1. Expose to theory and functions of the Share Market in Financial Sector as job careers
2. Study the functioning of capital markets and create awareness among the public
3. Acquire knowledge on operations of Share Market and Research skills
4. Involve in activities of Mutual Funds and stock market firms
5. Enhance their skills by practicing in preparation of accounting statements

II. Syllabus: (Total 75hrs (Teaching 60, Training 10, Others 05 including IE etc.)

UNIT 1: Introduction, Nature, Scope and basics of stock market

Introduction of Investments-Need of Investment-Short and Long Term investment- Money market Vs Capital Market-Primary Market-Secondary Market-Depositories-Buy Back Shares-Forward Contract and Future Contract- Types of Investors- Speculators, Hedgers, Arbitraders.

UNIT 2: Capital Markets

Definition-Participants of Capital Market Participants-Primary Market issues of Equity Shares and Preference Shares and Debentures its types Mutual Funds –Secondary Market-/Stock Exchange-National Stock Exchange of India-Over the Counter Exchange of India –Qualified Individual/Institutional Buyers -Under writers.

UNIT 3. - Financial Intermediaries

Depositories- -Buy Back of Shares-- Forward Contract and Future Contract- differences – Participants in Future Contract- Clearing of Mechanism.

UNIT 4. Stock Indices

Index and its types-SENSEX- Calculation Methodology-Types of Clearing Members.

UNIT 5. –Regulatory Mechanism

Security and Exchange Board of India (SEBI)-Powers, functions,-Over The Counter Exchange (OTCE) of India-Functions and Mechanism.

III. References:

1. I.M.Pandey. ,Financial Management, Vikas Publishing House
2. Prasanna Chandra, Fincial Management TaTa Mc Graw Hill
3. Bhole.L.M. Financial Markets and Institutions, Tata McGraw Hill Publishing House
4. Khan MY,Jain PK, Financial Management, Tata McGraw Hill
5. Kishore Ravi.M., Financial Management, Taxman Publication
6. *Web resources suggested by the Teacher concerned and the College Librarian including reading material*

IV Co-Curricular Activities:

A. Mandatory (*student training by teacher in real time field skills: 10 hours*):

- 1. For Teachers: Training** of students by the teacher(using actual field material) in classroom and field for not less than 10 hours on techniques in valuation of shares of selected companies, preparation of documents, identification of local individuals / institutions who are involved in share markets. Listing out Local Money Market institutions, Identifying the investors and their experience in operational activities
Analysis of various companies Financial Statements and interpretations
- 2. For Students:** Students shall individually study the work of stock market professionals and agencies and make observations. Their observations shall be written as the Fieldwork/Project work Report in the given format not exceeding 10 pages and submit to the teacher.
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objectives, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments (including technical assignments like identifying the investors and their activities in share markets
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Visits to local Investment Institutions ,offices,
5. Invited lectures and presentations on related topics by field experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)
Answer any FIVE Questions (5×5 Marks)
Out of Eight covering All units

SECTION - B (Total 50 marks)
Answer any FIVE Questions (5×10 Marks)
Out of Eight covering All units

Course 21 A: STOCK MARKETS ANALYSIS
(Skill Enhancement Course (Elective) 4 credits)

II. Learning Outcomes:

By the completion of the course, the students are able to

1. Expose to theory and functions of the monetary and Financial Sector as job careers
2. Study the functioning of local Capital markets and
3. Create awareness among the public by giving reporting after analysis
4. Acquire knowledge on operations of Share Market and Research skills
5. Enhance their skills by involving activities of Share Market analysis

II. Syllabus: Total 75hrs (Teaching 60, Training 10, Others 05 including IE etc.)

UNIT 1: Introduction, Nature, Scope and basics of stock market analysis

Introduction of Investments- Need of Security Analysis-Types of analysis-Fundamental Analysis, Technical Analysis, Quantity Analysis.

UNIT 2: Fundamental Analysis-Based on Company's Records and Performance- EPS Ratio- Price to Sales Ratio- P/Earnings Ratio, P/Equity Ratio, ROI, D/P Ratio- Intrinsic Value-

UNIT 3. –Technical Analysis- Based on Share Price Movement and Market Trends-Bullish Pattern-Bearish pattern

UNIT 4-Quantity Analysis: Based on data for special Research purpose (Descriptive, Correlation, Comparative and Experimental) by preparing questionnaire, observation, focus groups and interviews – Dow Theory

UNIT 5. –Mutual Funds

Importance and the role of Mutual Fund –Types of Mutual Funds-Variety of schemes in India- Growth Fund, Income Fund, Growth and Income Fund, Tax planning schemes, other categories, Asset Management Mutual Funds-its method of analysis's

III. References:

1. Khan.M.Y. Financial Management, Vikas Publishing House
2. Bhole.L.M. Financial Markets and Institutions, Tata McGraw Hill Publishing House
3. Prasanna Chandra, Investment Analysis and Portfolio Management, Tata McGraw Hill
4. Damodharan Aswath, Valuation: Security Analysis for Investment and corporate Finance., John Wiley, New York
5. Francis.J.C., Investment Analysis and Management, Tata McGraw Hill
- 6 *Web resources suggested by the Teacher concerned and the College Librarian including reading material*

IV Co-Curricular Activities:

B. Mandatory: (*student training by teacher in real time field skills: 10 hours*)

1. For Teachers: Training of students by the teacher (using actual field material) in classroom and field for not less than 10 hours on Security Markets analysis, preparation of documents and Analysis of Shares and debentures, Fundamental Analysis of various companies Financial Statements and interpretations, Technical Analysis of Various Financial Statements, Quantity Analysis of various companies Financial statements and interpretations, Analysis of Mutual fund operations and their performances

Case Studies of various companies' performances based on analysis of their securities and the success stories of investors.

2. For Students: Students shall individually study the data of selected institutions and their performance by analyzing the statements learning from practical experiences from Chartered Accountants and Cost Accountants. They shall record their observations in a hand written Fieldwork/Project work report not exceeding 10 pages in the given format and submit to the teacher.

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages):
Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments (including technical assignments like identifying sources of local financial institutions,
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Visits to local Financial Institutions like HDFC securities, ICICI Direct Securities Reliance Securities etc.
5. Invited lectures and presentations on related topics by field experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT UNITS COVERING ALL UNITS

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

REVISED UG SYLLABUS UNDER CBCS

(Implemented from Academic Year 2020-21)

PROGRAMME: FOUR YEAR B.Com. (Hons)

Domain Subject: Commerce***Skill Enhancement Courses (SECs) for Semester V, from 2022-23 (Syllabus with Learning Outcomes, References, Co-curricular Activities & Model Q.P. Pattern)*****Structure of SECs for Semester– V***(To choose Three pairs from the Nine alternate pairs of SECs)**(For each SEC: Hours/Week: 05, Credits: 4, Max Marks: 100)*

Pairs of Skill Enhancement Courses (SEC) under each series in Commerce for Semester-V.

Course No.	Series-A: Accountancy	Course No.	Series-B: Services	Course No.	Series-C: E commerce
	<i>Course Name</i>		<i>Course Name</i>		<i>Course Name</i>
16-A	Advanced Corporate Accounting	16-B	Advertising and Media Planning	16-C	Digital Marketing
17-A	Software Solutions to Accounting	17-B	Sales Promotion and Practice	17-C	Service Marketing
18-A	Management Accounting	18-B	Logistics Services and Practice	18-C	Income Tax Procedure & Practice
19-A	Cost Control Techniques	19-B	EXIM Procedure and practice	19-C	GST Procedure & Practice
20-A	Stock Markets	20-B	Life Insurance with Practice	20-C	E Commerce
21-A	Stock Market Analysis	21-B	General Insurance with practice	21-C	E filing

Note: In Semester-V a B.Com. General students have to study Three pairs of SECs (a total of 6 courses). The Pairs are, SEC numbers 16 & 17, 18 & 19 and 20 & 21. As there shall be choice to students under CBCS, a total of 9 pairs shall be offered from which B.Com. General students have to choose a total of Three pairs of SECs.

The 9 pairs are from 3 series namely (A) Accountancy, (B) Services and (C) E-Commerce. Students can, however, choose their **Three pairs** from any of the **Nine** pairs but a pair shall not be broken.

For example students can choose any Three pairs like the following;

16-A & 17-A (from Accountancy), 18-B, 19-B (from Services) and 20-C, 21-C from E-Commerce.

Or 16-A & 17-A, 18-C & 19-C and 20-B & 21-B

Or 16-B & 17-B, 18-A & 19-A and 20-C & 21-C

Or 16-B & 17-B, 18-C & 19-C and 20-A & 21-A

Or 16-C & 17-C, 18-B & 19-B and 20-A & 21-A

Or 16-C & 17-C, 18-A & 19-A and 20-B, 21-B

Whereas, B.Com Computers Students can choose any two pairs from the above 9 pairs.

Note-2: One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate skills related to the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situation.

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

PROGRAMME: FOUR-YEAR B Com. (Hons)

Domain Subject: Commerce

Semester-wise Syllabus under CBCS (w.e.f. 2020-21 Admitted Batch)

Course Code:

Max marks 100

Skill Enhanced Courses

IV Year B Com (Hons)– Semester-V

Course- 16- B. ADVERTISING AND MEDIA PLANNING

(Skill Enhancement Course (Elective), 4 Credits)

I: Learning Outcomes:

At the successful completion of the course students are able to:

- Understand the role of advertising in business environment
- Understand the legal and ethical issues in advertising
- Acquire skills in creating and developing advertisements
- Understand up-to-date advances in the current media industry.
- Acquire the necessary skills for planning an advertising media campaign.

II: SYLLABUS: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

UNIT-I: Introduction, Nature and Scope Advertising- Nature and Scope- Functions - Impact on Social, Ethical and Economical Aspects - Its Significance – Advertising as a Marketing Tool and Process for Promotion of Business Development - Criticism on advertising

UNIT-II: Strategies of Advertisements

Types of Advertising Agencies and their Strategies in Creating Advertisements - Objectives - Approach - Campaigning Process - Role of Advertising Standard Council of India (ASCI) - DAGMAR approach

UNIT-III: Process of Advertisement

Creativeness and Communication of Advertising –Creative Thinking – Process – Appeals – Copy Writing - Issues in Creation of Copy Testing –Slogan Elements of Design and Principles of Design

UNIT-IV: Media Planning

Advertising Media - Role of Media - Types of Media - Print Media - Electronic Media and other Media - Advantages and Disadvantages – Media Planning - Selection of Media

UNIT-V: Analysis of Market Media

Media Strategy – Market Analysis -Media Choices - Influencing Factors - Target, Nature, Timing, Frequency, Languages and Geographical Issues - Case Studies

III: References:

1. Bhatia. K.Tej - Advertising and Marketing in Rural India - Mc Millan India
2. Ghosal Subhash - Making of Advertising - Mc Millan India
3. Jeth Waney Jaishri& Jain Shruti - Advertising Management - Oxford university Press
4. Advertising Media Planning, Seventh Edition Paperback – by Roger Baron (Author), Jack Sissors (Author)
5. Media Planning and Buying in 21st Century – Ronald D Geskey
6. Media Planning and Buying: Principles and Practice in the Indian Context – Arpita Menon
7. Publications of Indian Institute of Mass Communications
8. Advertising and Salesmanship. P. Saravanavel, Margham Publications
9. Publications of ASCI
10. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities:

A - Mandatory: (student training by teacher in the related field skills: total 10 hours):

1. For Teacher:

Students shall be practically trained, (using actual field material) in classroom and field for 10 hours, in the skills/techniques related to advertising and media planning. Training shall include;

- Collection of data and material, handling of material and sample advertisement preparation.
- slogan preparation, making of advertisement and advertisement strategies
- working with media and report preparation on ethical issues
- preparation of net based advertisements and media planning

2. For Student: Students shall individually choose a local or regional advertising agency, visit, study it's processes, strategies, business aspects etc. They may also make a comparative study of media advertisements. Each student has to submit his/her observations as a handwritten Fieldwork/Project work Report not exceeding 10 pages in the given format to the teacher.

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B - Suggested Co-Curricular Activities

- Survey on existing products advertisements
- Creation of advertising on several products
- Invited Lectures
- Hands on experience with the help of field experts

- Debates, Seminars, Group Discussions, Quiz, etc.
- Assignments, Case studies, Compilation of paper cuttings, Preparation of related videos, Class exhibitions.

Suggested Question Paper:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT COVERING ALL UNITS

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

PROGRAMME: FOUR-YEAR B Com. (Hons)

Domain Subject: Commerce

Semester-wise Syllabus under CBCS (w.e.f. 2020-21 Admitted Batch)

Skill Enhanced Courses IV Year B Com (Hons)– Semester-V

Course Code:

Max Marks: 100

Course:17- B. SALES PROMOTION AND PRACTICE

(Skill Enhancement Course (Elective), 4 Credits)

I: Learning Outcomes:

By the end of the course students are able to:

1. Analyse various sales promotion activities
2. Get exposed to new trends in sales Promotion
3. Understand the concepts of creativity in sales promotion
4. Enhance skills to motivate the salesperson to reach their targets
5. Develop the skills of designing of sales promotion events

II: SYLLABUS: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

UNIT-I: Introduction to Sales Promotion: Nature and Scope of Sales Promotion- Influencing Factors - Sales Promotion and Control - Strengths and Limitations of Sales Promotion – Sales Organization - Setting-up of Sales Organization - Types of Sales Organization.

UNIT-II: Sales Promotion and Product Life Cycle: Types of Sales Promotion - Consumer Oriented - Trade Oriented - Sales Oriented - Various Aspects -Sales Promotion methods in different Product Life Cycle – Cross Promotion - Sales Executive Functions- Theories of Personal Selling - Surrogate Selling.

UNIT-III: Strategies and Promotion Campaign: Tools of Sales Promotion - Displays, Demonstration, Fashion Shows, Conventions - Conferences, Competitions –Steps in designing of Sales Promotion Campaign – Involvement of Salesmen and Dealers – Promotional Strategies - Ethical and Legal issues in Sales Promotion.

Unit-IV: Salesmanship and Sales Operations: Types of Salesman - Prospecting - Pre-approach and Approach - Selling Sequence - Sales budget, Sales territories, Sales Quota's - Point of Sale – Sales Contests - Coupons and Discounts - Free Offers - Showrooms and Exhibitions - Sales Manager Qualities and functions.

Unit-V: Sales force Management and Designing: Recruitment and Selection - Training - Induction - Motivation of sales personnel - Compensation and Evaluation of Sales Personnel - Designing of Events for Enhancing Sales Promotion

III: References:

1. Don.E. Schultz - Sales Promotion Essentials- Mc Graw hill India
2. S.H.H Kazmi & Satish K Batra, Advertising and Sales Promotion- Excel Books
3. Jeth Waney Jaishri& Jain Shruti - Advertising Management - Oxford university Press
4. Dr.ShailaBootwala Dr.M.D. Lawrence and Sanjay R.Mali -Advertising and Sales Promotion- NiraliPrakashan
5. Successful Sales Promotion – Pran Choudhury
6. Advertising and Sales Promotion Paperback – S. H. H. Kazmi & Satish Batra
7. Publications of ASCI
8. Kazmi & Batra, ADVERTISING & SALES PROMOTION, Excel Books, 2008
9. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities: (Lecturer Participation: Total 10 Hours)

A. Mandatory: (*student training by teacher in the related field skills: total 10 hours*):

1 For Teacher:

Training of students by the teacher (using actual field material)for 10 hours in the classroom and field for not less than 10 hours on techniques in areas such as;

- Design special tools and techniques for sales promotion
- Planning of sales promotion and strategic planning for given product
- Report Writing on Success Stories of Sales promotion agencies
- Preparation of report on legal issues in sales promotion techniques.

2. For Student:

Students have to get individually training in the field the functional aspects of sales promotion, advertisement, strategic planning, sales promotion agencies and related legal issues, Students have to involve the sales promotion activities as practical training. Take up survey on sales promotional activities of existing products. Each student has to record his/her observations and prepare a handwritten Fieldwork/Project work Report, not exceeding 10 pages, and submit to teacher in the given format.

3) Max marks for Fieldwork/Project work Report: 10

4) Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

V: Suggested Co-Curricular Activities

Assignments, Class seminars, Case studies, Compilation of paper cuttings, Group discussions, Debates, Quiz, Class exhibitions, Preparation of related videos, Invited lectures etc.

Suggested Question Paper

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT COVERING ALL UNITS

`A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2021-22

Course Code:

Four-Year B. Com. (Hons)
Domain Subject: COMMERCE
IV YEAR B.COM (Hons) - Semester -V 8A

Max Marks: 100

Course 18 B - LOGISTICS SERVICES & PRACTICE
(Skill Enhancement Course (Elective) 4 credits)

I. Learning Outcomes

Upon successful Completion of the course the student will be able to

1. Appraise the Principles of Logistics and its informatics.
2. Examine the Financial Issues in Logistics sector performance.
3. Describe basic EOQ model and ABC analysis.
4. Determine warehouse safety rules, concepts of Retail Logistics and strategies of Supply Chain Management.

II. Syllabus Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

UNIT I: Introduction

Logistics - meaning - Principles of Logistics-Technology & Logistics - Informatics.
Warehouse-Meaning - Types –Benefits of Warehousing. Transportation-Meaning - Types –
Benefits. Courier/Express-Meaning- Courier Guidelines –Pricing in Courier -Express Sector for
international and domestic shipping -Reverse logistics in e-commerce sector.

UNIT 2: Global Logistics

Global Supply Chain-Organizing for Global Logistics-Strategic Issues in Global Logistics
-Forces driving Globalization- Modes of Transportation in Global Logistics Barriers to Global
Logistics-Markets and Competition-Financial Issues in Logistics Performance.

UNIT 3: Inventory

Need of Inventory-Types of Inventories-Basic EOQ Model-Classification of material - ABC
Analysis -VED, HML, - Material Requirement Planning (MRP)- meaning and Advantages
Materials handling and storage systems-Principles of Materials Handling.

UNIT 4: Ware housing & Distribution Operations

Need for Warehouse – Importance of warehouse- Stages involved receipt of goods- Advanced
shipment notice(ASN)-Warehouse Activities-receiving, sorting, loading, unloading ,Picking,
Packing and dispatch - safety rules and Procedures to be observed in a Warehouse.

Unit 5: Retail Logistics and Supply Chain Management

Concepts of Retail Logistics and supply chain- Supply chain efficiency-Fundamentals of Supply Chain and Importance - SCM concepts and Definitions - Supply chain strategy- Strategic Drivers of Supply Chain Performance – key decision areas – External Drivers of Change.

III References

1. Vinod V Sople (2009) Logistic Management (2ndEdn.) Pearson Limited.
2. Logistics Management for International Business: Text and Cases, Sudalaimuthu & Anthony Raj, PHI Learning, First Edition, 2009.
3. Fundamentals of Logistics Management (The Irwin / McGraw-Hill Series in Marketing), Douglas Lambert, James R Stock, Lisa M. Ellram, McGraw-hill/Irwin, First Edition, 1998.
4. Fundamentals of Logistics Management, David Grant, Douglas M. Lambert, James R. Stock, Lisa M. Ellram, McGraw Hill Higher Education, 1997.
5. Logistics Management, Ismail Reji, Excel Book, First Edition, 2008.

Web Sources: Web sources suggested by the concerned teacher and college librarian including reading material.

IV. Co-Curricular Activities:

A. Mandatory: (Student training by teacher in the related field skills:10 hrs)

1. **For Teachers:** Shall give hands-on training to students (using actual field material)in classroom and field in operations of (specific unit/s) logistics sector with reference to material handling and storage processes, warehousing design and financial issues confronted in logistics sector.
2. **Students:** Visit any local logistics provider / local mart etc., observe and understand its operations, financial issues, material handling and storage processes, warehouse design and submit a hand written Fieldwork/Project work Report in the given format on the observations made to the teacher
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities:

1. Organize short term training on specific technical skills like Zoho, Fresh book, MS Excel....in collaboration with Computer Department or skill training institution (Government or Non-Government Organization).
2. Seminars/Conference/ Workshops on career opportunities in logistics sector, trends in logistics sector, Automation in the sector etc.
3. Real time work experience with logistics sector.
4. Arrange for Interaction with Area Specific Experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 Hrs

SECTION A (Total 25

marks)

Answer any FIVE Questions (5×5 Marks).

OUT OF EIGHT COVERING ALL UNITS

SECTION B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks).

OUT OF EIGHT COVERING ALL UNITS

Four - year B.Com. (Hons)
Domain Subject: COMMERCE
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Course: 19 B. EXPORT IMPORT PROCEDURE & PRACTICE
(Skill Enhancement Course (Elective) 4 credits)

I. Learning Outcomes:

Upon successful completion of the course the student will be able to

1. Understand the significance of Export and Import Management and its role in Economy and as job careers
2. Acquire knowledge on Procedures of export and import
3. Involve in pre and post EXIM activities
4. Enhance their skills by practicing in foreign trade

II. Syllabus: Total 75hrs (Teaching 60, Training 10, Others 05 including IE etc.)

UNIT 1: Introduction of EXIM policies and procedures

Objectives of EXIM policies- Role of export houses in the development of Economy- State Trading Corporations and SEZs - Flow of Procedure for export and import process.

UNIT 2: Product planning and for import and export

Export Promotion Councils in India and Commodities Board of India - Its functions and their role - Registration cum Membership Certificate (RCMC) and registration of Export Credit and Guarantee Corporation of India (ECGC)

UNIT 3: Documentation at the time of EXIM goods

Commercial documents- Principal and Auxiliary documents - Regulatory documents (relating to Goods, Shipment, Payment, Inspection, Payment, Excisable and FERA)

UNIT 4: Payment Procedures in foreign trade

Factors determines for Payment and methods of Receiving Amount -Payment in advance- Documentary Bills- Documentary credit under Letter of Credit- Different types of Letters of Credit - Open account with periodical settlement.

UNIT 5: Insurance and Shipment of Goods

Cargo Insurance (Marine)- Types of Marine insurance policies- Kinds of losses - Shipment of goods - Clearing and forwarding agents- its role and significance-Classification of services Essential and Optional services-clearance procedures for export of goods.

III. References

1. Rama Gopal.C; Export and Import Procedure- New Age International Publishers
2. Neelam Arora, Export and Import Procedure and documentation- Himalaya Publishing House
3. Dr.SwapnaPilai, Export and Import Procedure & documentation- Sahityabhawan Publications
4. Sudhir kochhar, Export and Import Procedure- Aggarwal Book house

5. *Web resources suggested by the Teacher concerned and the College Librarian including reading material*

IV Co-Curricular Activities:

A. Mandatory (*Student training by teacher in the related field skills:10 hrs*):

1. **For Teachers:** Training of students by teacher (using actual field material)in classroom and field for not less than 10 hours on techniques of foreign trade by involving students in making observations, preparation of documents, identification of exportable goods and recording experiences of exporters.
2. **For Students:** students shall visit export import houses or related centers and observe processes of identification of exportable goods, registration of RCMC, logistic support and insurance procedures. They shall submit their observations as an individual handwritten Fieldwork/Project work Report in the given format and submit to teacher.
3. Max marks for Fieldwork/Project work Report: 05
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments (including technical assignments like identifying sources of exportable and Excisable goods, Case Studies of export procedures and the success stories and getting practical experiences by exporting Agricultural and local products including DWACRA
3. Seminars, Conferences ,discussions by inviting concerned institutions
4. Visits to exporting units. SEZs and Export houses
5. Invited lectures and presentations on related topics by field experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)
Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVERING ALL UNITS

SECTION - B (Total 50 marks)
Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT COVERING ALL UNITS

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Course- 20-B. LIFE INSURANCE WITH PRACTICE

(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After completing the course, the student shall be able to:

1. Understand the Features of Life Insurance, schemes and policies and insurance companies in India
2. Analyze various schemes and policies related to Life Insurance sector
3. Choose suitable insurance policy for given situation and respective persons
4. Acquire Insurance Agency skills and other administrative skills
5. Acquire skill of settlement of claims under various circumstances

II. Syllabus: Total 75hrs (Teaching 60, Training 10, Others 05 including IE etc.)

Unit-I: Features of Life insurance contract

Life Insurance- Features- Advantages - Group Insurance – Group Gratuity Schemes - Group Superannuation Schemes, Social Security Schemes- Life Insurance companies in India.

Unit-II: Plans of Life Insurance

Types of Plans: Basic - Popular Plans – Term Plans-Whole Life-Endowment-Money Back-Savings-Retirement-Convertible - Joint Life Policies - Children's Plans - Educational Annuity Plans - Variable Insurance Plans – Riders

Unit-III: Principles of Life Insurance

Utmost Good Faith- Insurable Interest- Medical Examination - Age proof, Special reports - Premium payment - Lapse and revival – Premium, Surrender Value, Non-Forfeiture Option - Assignment of Nomination- Loans – Surrenders – Foreclosure.

Unit-IV: Policy Claims

Maturity claims, Survival Benefits, Death Claims, Claim concession - Procedures - Problems in claim settlement - Consumer Protection Act relating to life insurance and insurance claims.

Unit-V: Regulatory Framework and Middlemen

Role of IRDAI & other Agencies - Regulatory Framework - Mediators in Life Insurance – Agency services – Development Officers and other Officials.

III: References:

1. G. S. Pande, Insurance – Principles and Practices of Insurance, Himalaya Publishing.
2. C. Gopalkrishna, Insurance – Principles and Practices, Sterling Publishers Private Ltd.
3. G. R. Desai, Life Insurance in India, MacMillan India.
4. M. N. Mishra, Insurance Principles and Practices, Chand & Co, New Delhi.
5. M.N.Mishra, Modern Concepts of Insurance, S.Chand& Co.
6. P.S. Palandi, Insurance in India, Response Books – Sagar Publications.
7. Taxman, Insurance Law Manual.

8. <https://www.irdai.gov.in>

9. <https://www.policybazaar.com>

10. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities:

A. Mandatory (*Student training by teacher in the related field skills: 10 hrs.*):

1. For Teachers: Training of students by teacher (using actual field material) in classroom/field for not less than 10 hours on techniques/skills of life insurance sector from opening of insurance policies to settlement of claims.

a. Working with websites to ascertain various LIC Companies and their schemes in Life Insurance sector (Ref. unit-1)

b. Working with websites to ascertain various policies in Life Insurance sector (Ref. unit-2)

c. Working with websites like policy bazaar.com for Calculation of Premium for Specified policies and ascertain various options under policy (ref. unit-3)

d. Preparation of statements for claims under various policies working with specified Life Insurance Company for settlement of Claims under different circumstances (Ref. Unit 4)

e. Prepare the students to choose the Life Insurance field and show the opportunities in public and private insurance companies. (ref. Unit.5)

2. For Students: Students shall take up individual Fieldwork/Project work and make observations on the procedures followed in the life insurance activities including identifying customers, filling applications, calculation of premium and settlement of insurance claims. Working with Insurance Agents and Life Insurance companies may be done if possible. Each student shall submit a hand-written Fieldwork/Project work Report on his/her observations in the given format to teacher.

3. Max marks for Fieldwork/Project work Report:05

4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5 .Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.

2. Assignments including technical assignments like Working with any insurance Company for observation of various policies, premiums, claims, loans and other activities.

3. Seminars, Conferences, discussions by inviting concerned institutions

4. Field Visit

5. Invited lectures and presentations on related topics

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

Out of Eight Questions covering all units

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

Out of Eight Questions covering all units

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com. (Hons) – Semester – V

Max Marks: 100

Course 21- B. GENERAL INSURANCE PROCEDURE AND PRACTICE
(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After completing the course, the student shall be able to:

1. Understand the Features of General Insurance and Insurance Companies in India
2. Analyze various schemes and policies related to General Insurance sector
3. Choose suitable insurance policy under Health, Fire, Motor, and Marine Insurances
4. Acquire General Insurance Agency skills and administrative skills
5. Apply skill for settlement of claims under various circumstances

II. Syllabus: Total 75hrs (Teaching 60, Training 10, Others 05 including IE etc.)

Unit-I: Introduction

General Insurance Corporation Act - General Insurance Companies in India - Areas of General Insurance- Regulatory Framework of Insurance- IRDA - Objectives -Powers and Functions - Role of IRDA- Insurance Advisory Committee.

Unit-II: Motor Insurance

Motor Vehicles Act 1988 - Requirements for compulsory third party insurance – Policy Documentation & Premium- Certificate of insurance – Liability without fault – Compensation on structure formula basis - Hit and Run Accidents.

Unit-III: Fire & Marine Insurance

Kinds of policies – Policy conditions –Documentation- Calculation of premium- Calculation of Loss- Payment of claims.

Unit-IV: Agriculture Insurance

Types of agricultural insurances - Crop insurance - Problems of crop insurance - Crop Insurance Vs Agricultural relief - Considerations in Crop insurance - Live Stock Insurance.

Unit-V: Health & Medical Insurance

Types of Policies-Calculation of Premium- Riders-Comprehensive Plans-Payment of Claims.

III: References:

1. M. N. Mishra, Insurance Principles and Practices, Chand & Co, New Delhi.
2. M.N.Mishra, Modern Concepts of Insurance, S.Chand& Co.
3. P.S. Palandi, Insurance in India, Response Books – Sagar Publications.
4. C. Gopalkrishna, Insurance – Principles and Practices, Sterling Publishers Private Ltd.
5. G. R. Desai, Life Insurance in India, MacMillan India.
7. <https://www.irdai.gov.in>
8. <https://www.policybazaar.com>

9. Web resources suggested by the Teacher concerned and the College Librarian including reading material.

IV. Co-Curricular Activities

A. Mandatory: *(Student training by teacher in the related field skills: 10 hrs.)*

1. **For Teachers:** Training of students by teacher (using actual field material) in classroom and field for not less than 10 hours on techniques/skills in aspects of General Insurance area including calculation of premium and claim settlements.
 - a. Ascertain the regulatory frame work and functions of IRDA and Insurance Advisory Committee with respect to important cases in General Insurance Field (Ref. unit-1)
 - b. Working with specified GIC Company and analyze the documentation procedure and Premium payment with respect to Motor & Other insurances (ref. unit-2)
 - c. Working with specified GIC Company and analyze the documentation procedure for Policy agreement and payment of Claims of General Insurance (ref. unit-3)
 - d. Working with Banks and Cooperative Societies with respect to Crop Insurance and Claims Settlement (Ref.unit 4)
 - e. Working with specified Medical Insurance Companies to ascertain various policies under medical insurance and settlement of claims (ref. Unit.5)
2. **For Students:** Students shall individually undertake Fieldwork/Project work and make observations on the procedures and processes of various insurance policies and claims in real time situations. Working with Insurance Agents and General Insurance companies is preferred. Each student shall submit a hand-written Fieldwork/Project work Report on his/her observations in the given format to teacher.
3. Max marks for Fieldwork/Project work Report: 10
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, Contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE)

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments including technical assignments like Working with General Insurance companies for observation of policies and claims under certain policies.
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Field Visit
5. Invited lectures and presentations on related topics

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

Out of Eight Questions covering all units

.SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

Out of Eight Questions covering all units

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory body of the Government of Andhra Pradesh)

REVISED UG SYLLABUS UNDER CBCS

(Implemented from Academic Year 2020-21)

PROGRAMME: FOUR YEAR B.Com. (Hons)

Domain Subject: Commerce***Skill Enhancement Courses (SECs) for Semester V, from 2022-23 (Syllabus with Learning Outcomes, References, Co-curricular Activities & Model Q.P. Pattern)*****Structure of SECs for Semester– V***(To choose Three pairs from the Nine alternate pairs of SECs)**(For each SEC: Hours/Week: 05, Credits: 4, Max Marks: 100)*

Pairs of Skill Enhancement Courses (SEC) under each series in Commerce for Semester-V.

Course No.	Series-A: Accountancy	Course No.	Series-B: Services	Course No.	Series-C: E commerce
	Course Name		Course Name		Course Name
16-A	Advanced Corporate Accounting	16-B	Advertising and Media Planning	16-C	Digital Marketing
17-A	Software Solutions to Accounting	17-B	Sales Promotion and Practice	17-C	Service Marketing
18-A	Management Accounting	18-B	Logistics Services and Practice	18-C	Income Tax Procedure & Practice
19-A	Cost Control Techniques	19-B	EXIM Procedure and practice	19-C	GST Procedure & Practice
20-A	Stock Markets	20-B	Life Insurance with Practice	20-C	E Commerce
21-A	Stock Market Analysis	21-B	General Insurance with practice	21-C	E filing

Note: In Semester-V a B.Com. General students have to study Three pairs of SECs (a total of 6 courses). The Pairs are, SEC numbers 16 & 17, 18 & 19 and 20 & 21. As there shall be choice to students under CBCS, a total of 9 pairs shall be offered from which B.Com. General students have to choose a total of Three pairs of SECs.

The 9 pairs are from 3 series namely (A) Accountancy, (B) Services and (C) E-Commerce. Students can, however, choose their **Three pairs** from any of the **Nine** pairs but a pair shall not be broken.

For example students can choose any Three pairs like the following;

16-A & 17-A (from Accountancy), 18-B, 19-B (from Services) and 20-C, 21-C from E-Commerce.

Or 16-A & 17-A, 18-C & 19-C and 20-B & 21-B

Or 16-B & 17-B, 18-A & 19-A and 20-C & 21-C

Or 16-B & 17-B, 18-C & 19-C and 20-A & 21-A

Or 16-C & 17-C, 18-B & 19-B and 20-A & 21-A

Or 16-C & 17-C, 18-A & 19-A and 20-B, 21-B

Whereas, B.Com Computers Students can choose any two pairs from the above 9 pairs.

Note-2: One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate skills related to the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situations.

Four-Year B. Com. (Hons)
Domain Subject: COMMERCE
IV YEAR B.COM (HONS) - Semester -V-

Max Marks: 100

Time: 3 Hrs

Course 16-C: DIGITAL MARKETING
(Skill Enhancement Course (Elective) 4 credits)

I. Learning Outcomes

Upon successful completion of the course students will be able to;

1. Analyze online Micro and Macro Environment
2. Design and create website
3. Discuss search engine marketing
4. Create blogs, videos, and share

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit 1: Introduction

Digital marketing: Meaning – importance – traditional online marketing vs digital marketing – online market place analysis Micro Environment – Online Macro Environment - trends in digital marketing – competitive analysis.

Unit – II: Web site planning and creation

Web Site: meaning – objectives – components of website - website creation – incorporation of design and– adding content, installing and activating plugins.

Unit 3: Search Engine Optimization (SEO)

SEO: Meaning – History and growth of SEO –Importance of Search Engine - On page Optimization – off page optimization – Role of Search Engine Operation- google Ad words – Search Engine Marketing: Campaign Creation – Ad Creation, Approval and Extensions.

Unit 4: Social Media Marketing:

Meaning of social media and Social Media Marketing – social Management tools-strategy and planning – social media network – Social Networking – video creation and sharing – use of different social media platforms - Content creation - Blogging – Guest Blogging.

Unit 5: Email marketing:

Meaning – Evolution of email – importance of email marketing – Development and Advancements in e mail marketing - email marketing platforms – creating and Tracking emailers–create forms – create opt-in lists – mapping industry trends and eliminating spam messages.

III. References

1. Digital Marketing for Dummies by Ryan Deiss & Russ Henneberry, publisher John Wiley first edition 2020.
2. **Youility** by JayBaer, Published by Gilda MediaL C Portfolio 2013,
3. **Epic Content Marketing** by Joe Pulizzi, McGraw-Hill Education, 2013

4. New Rules of Marketing and PR by David Meerman Scott. Wiley, 2017
5. **Social Media Marketing All-in-one Dummies** by Jan Zimmerman, Deborah Ng, John Wiley & Sons.
6. Digital Marketing 2020 by Danny Star, Independently Published, 2019
7. *Web sources suggested by the concerned teacher and college librarian including reading material.*

IV. Co-Curricular Activities:

A. Mandatory (*Student training by teacher in field related skills: 10 hrs.*):

1. **For Teachers:** teacher shall train students (using actual field material) in classroom/field for not less than 10 hours in the skills in digital marketing viz., SEO, SEM, Social media Marketing, content writing, e-mail marketing, web designing and development, Blogging, Google ad words.
2. **Students:** Students shall individually undertake an online study on any aspect such as Analysis of local online Micro and Macro Environment and make a trend analysis of digital marketing, Build a blog on any topic or subject of their interest, Develop website to market for (real/imaginary) product or service, Create video with product or service description to evoke customer attention. Each student has to submit his/her observations as a handwritten Fieldwork/Project work Report not exceeding 10 pages in the given format to the teacher.
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Organize short term training on Digital Marketing in collaboration with local or online skill providers.
2. Seminars/Conference/ Workshops on significant and emerging areas in Digital Marketing
3. Real time work experience with Digital marketing service providers.
4. Arrange for Interaction with Area Specific Experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT. COVER ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT. COVER ALL UNITS

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-Year B. Com. (Hons)
Domain Subject: **COMMERCE**
IV YEAR B.COM (HONS) - Semester -V

Max Marks: 100

Time: 3Hrs

Course 17 C -Service Marketing
(Skill Enhancement Course (Elective) 4 credits)

I. Learning Out comes

Upon successful completion of the course the student will be able to;

1. Discuss the reasons for growth of service sector.
2. Examine the marketing strategies of Banking Services, insurance and education services.
3. Review conflict handling and customer Responses in services marketing
4. Describe segmentation strategies in service marketing.
5. Suggest measures to improve services quality and their service delivery.

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit 1: Introduction: Nature and Scope of services

Introduction: Nature and Scope of services characteristics of services, classification of services – need for service marketing - reasons for the growth of services sector, Overview of marketing Different Service Sectors -Marketing of Banking Services -Marketing in Insurance Sector - Marketing of Education Services.

Unit-2: Consumer Behavior in Services Marketing

Customer Expectations on Services- Factors influencing customer expectation of services. - Service Costs experienced by Consumer, the Role of customer in Service Delivery, Conflict Handling in Services, Customer Responses in Services, Concept of Customer Delight

Unit-3: Customer Relationship marketing and Services Market Segmentation.

Customer Relationship marketing: Meaning -Importance of customer & customer's role in service delivery, Benefits of customer relationship, retention strategies. Services Market Segmentation: - Market segmentation -Basis & Need for segmentation of services, bases of segmentation services, segmentation strategies in service marketing.

UNIT 4: Customer Defined Service Standards.

Customer Defined Service Standards - Hard and Soft, Concept of Service Leadership and Service Vision -Meeting Customer Defined Service Standards -Service Flexibility Versus Standards - Strategies to Match Capacity and Demand - managing Demand and Supply of Service –applications of Waiting Line and Queuing Theories to Understand Pattern Demand.

Unit 5: Service Development and Quality Improvement.

Service Development – need, importance and Types of New Services - stages in development of new services, service Quality Dimensions - Service Quality Measurement and Service Mapping, Improving Service Quality and Service Delivery, Service Failure and Recovery.

III. References

1. John E.G. Bateson, K.Douglas Hoffman: Services Marketing, Cengage Learning, 4e, 2015 publication
2. Vinnie Jauhari, Kirti Dutta: Services Marketing: Operations and Management, Oxford University Press, 2014.
3. Valarie A. Zeithaml and Mary Jo-Bitner: Services Marketing – Integrating Customer Focus Across The Firm, Tata McGraw Hill Publishing Company Ltd., 6e, 2013.
4. Nimit Chowdhary, Monika Chowdhary, Textbook of Marketing Of Services: The Indian Experience, Macmillan, 2013.
5. K. Rama Mohana Rao, Services Marketing, Pearson, 2e, 2011.
6. Dr. K. Karunakaran, Service Marketing (Text and Cases in Indian Context), Himalaya Publications.
7. *Web sources suggested by the concerned teacher and college librarian including reading material.*

IV. Co-Curricular Activities:

A. Mandatory (*Student training by teacher in field related skills: 10 hrs.*):

1. **For Teachers:** Teacher shall train students (using actual field material)in classroom/field for 10 hours in the skills in service marketing such as planning and designing marketing strategies for any real/imaginary service of their interest, procedure to identify customer behavior and their satisfaction for any service and issues thereof.
2. **Students:** Students shall individually take up a study on marketing strategies adopted (w.r.t.) any one specific service product) adopted by any of the service providers like Banking, Insurance, Telecom companies, (BSNL, Reliance Jio, Airtel, etc.) any other sector like electric household appliances, hospitals, hotels etc. Assess Customer expectations and Customer satisfaction feedback on services provided by Network providers. Of Mobile Companies/Banking/Insurance/hospitals Zamoto, Swiggy, etc. Each student has to submit his/her observations as a handwritten Fieldwork/Project work Report not exceeding 10 pages in the given format to the teacher.
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Organize short term training on specific technical skills in collaboration with Computer Department or skill training institution (Government or Non-Government Organization). Like Zoho, Fresh book, MS Excel....
2. Seminars/Conference/ Workshops on emerging trends in service marketing
3. Real time work experience with service marketing providers
4. Arrange for Interaction with Area Specific Experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT. COVER ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT. COVER ALL UNITS

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Time: 3 Hrs

Course-18-C. INCOME TAX ASSESSMENT PROCEDURES AND PRACTICE

(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After successfully completing the course, the student shall be able to:

1. Understand the basic concepts in computation of tax liability under all heads of income of the individuals.
2. Analyze the clubbing provisions, aggregate income after set-off and carry forward of losses under the Income Tax Act.
3. Compute taxable income and tax liability of individuals and firms.
4. Acquire the ability to file online returns of income.
5. Acquire skills of TDS/TCS and online filing of Tax returns.

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit-I: Computation of Total Income and Tax Liability

Computation of Total Income and Tax Liability of Individuals- Firms and Companies - Procedure for Assessment including Problems in calculation of tax for firms& Companies

Unit-II: Clubbing of Income-Set off of Losses

Meaning of clubbing of income– Different items come under the provisions of clubbing of income

Meaning of set-off of losses and carry-forward and set-off of losses – Types of set-off - Intra-set off and Inter-set off

Unit-III: Tax Payment- Penalties

Advance Payment of Tax - Persons liable to pay Advance Tax – Procedure for Computation of Advance Tax – Due Dates for the Payment of Advance Tax - Consequences of Non-payment of Advance Tax- Refund of tax, interest on refund – Appeals and Revisions

Unit-IV: Returns Filing

Procedure for Assessment - Filing of Return – Prescribed Forms for filing of Returns – PAN & TAN - On-line filing of Returns- 26 AS - Traces.

Unit-V: TDS &TCS and e-Filing

TDS-TCS- Provisions in brief relating to TDS/TCS- Schedule for deposit & Submission of Returns of TDS- Form-16 generation.

III: References:

1. Systematic Approach to Income Tax, Girish Ahuja & Ravi Gupta, Bharat Law House Pvt. Ltd, New Delhi.
2. Income Tax, Vinod K. Sinhanian & Monica Sinhanian, Taxmann Publications Pvt. Ltd, New Delhi.
3. Taxation Law & Practice, Mehtrotra & Goyal, Sahitya Bhavan Publications, Agra.
4. E.A. Srinivas, Corporate Tax Planning, Tata McGraw Hill.
5. Vinod K. Singhanian, Taxman's Direct Taxes Planning and Management.

6. Bhagawati Prasad, Direct Taxes Laws Practice, Vishwa Prakashan.
7. <https://incometaxindia.gov.in>
8. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities

A. Mandatory (Student training by teacher in field related skills: 10 hrs.):

1. **For Teachers:** Training of students by the teacher (using actual field material) in classroom/field for not less than 10 hours on techniques in tax consultancy, Income Tax calculation and Tax filing. Tax filing in respect to individuals, firms and Corporate. Income Tax Portal for a selected Tax Payer. Each student has to be trained in using forms for filing of returns.
 - a. Tax Calculation and preparation of Annexure w.r.t employees in the institutions and selected organizations (ref. unit-1)
 - b. Working with Clubbing income and set of losses/carry forward losses for a given Company/organization (ref. unit-2)
 - c. Working with CBDT website for Income Tax website for various provisions and Penalties (ref. unit-3)
 - d. Working with Online tax portal for downloading different formats (ref. unit 4)
 - e. Preparation of TDS and TCS reports and generating Form 16 from respective DDO (ref. unit.5)
2. **For Students:** Students shall individually take up a field study and make observations on Tax Assessment and Submission of Tax Return to Income tax department, payment of tax and other formalities. They may also work with an Income Tax Practitioner and participate in the real time submissions of Tax. Each student has to submit his/her observations as a handwritten Fieldwork/Project work Report not exceeding 10 pages in the given format to the teacher.
3. Max marks for Fieldwork/Project work Report: 05
4. Suggested Format for Fieldwork/Project work (not more than 10 pages): Title page, student details, Contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments including technical assignments like Working with Tax Consultancy for observation of Tax Assessment and Return Filing Procedure.
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Field Visit
5. Invited lectures and presentations on related topics

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Time: 3Hrs

Course 19-C-GOODS AND SERVICES TAX WITH TALLY
(Skill Enhancement Course (Elective), 4 Credits)

I: Course Learning Outcomes

After completing the course, the student shall be able to:

1. Understand the concept of Liability and Payment of GST
2. Create a new company in Tally with GST components and establish environment for GST Voucher entry.
3. Comprehend the utilization of input tax credit, and the reverse charge mechanism in GST
4. Acquire Skills of preparation of GST Returns in accordance with GST Law and Tally
5. Acquire skill of online payment of GST through GST Portal.

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

Unit 1: GST- Liability and Payment

Output tax liability - Input tax credit utilization-- Schedule for payment of GST- Interest/penalty for late/non-filing of return-Payment of GST- GST Network

Unit-II: GST – Accounting Masters and Inventory Masters in Tally

Company Creation- General Ledgers & GST Ledgers Creation - Stock Groups , Stock Items and Unit of Measure - GST Rate Allocation to Stocks

Unit-III: GST Voucher Entry

GST Vouchers - Customizing the Existing Voucher types with applicable GST Rates –Mapping of Input Tax Credit on Purchase Vouchers - Output Tax on Sales Vouchers- Purchase and Sales Voucher Entries with Single Rated GST and Multiple Rated GST Goods.

Unit-IV: GST Returns

Regular Monthly returns and Annual Return- Returns for Composition Scheme- Generation of Returns - GSTR-1, GSTR-2, GSTR-3, GSTR-4, GSTR-9, GSTR-3B

Unit-V: Payment of GST online

Payment of GST- Electronic Filing of GST Returns – Refunds – Penalties- Administrative structure of GST Officers- Powers- Jurisdiction.

III: References:

1. Ahuja, Girish, Gupta Ravi, GST & Customs Law.
2. Babbar, Sonal, Kaur, Rasleen and Khurana, Kritika. Goods and Service Tax (GST) and Customs Law. Scholar Tech Press.
3. Bansal, K. M., GST & Customs Law, Taxmann Publication.
4. Singhania, Vinod K. and Singhania Monica. Students' guide to Income Tax. University Edition. Taxmann Publications Pvt Ltd., New Delhi.
5. Sisodia Pushpendra, GST Law, Bharat Law House.
6. **Web resources:** <https://cbic-gst.gov.in>
7. Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV. Co-Curricular Activities

A. Mandatory (*Student training by teacher in field related skills: 10 hrs.*):

1. **For Teachers:** Training of students by the teacher (using actual field material) in classroom/ field for not less than 10 hours on techniques in computation of and online submission of GST. On Tally ERP 9 for entering entries of a selected firm.
 - a. Calculation of output tax liability and input Tax Credit through voucher entries (ref. unit-1)
 - b. Creation of Company and working with Masters in Tally ERP9 (ref. unit-2)
 - c. Voucher entry along with Input tax and output taxed entries (ref. unit-3)
 - d. Preparation of GST Returns for regular dealer and composite dealer in tally (Ref. unit 4)
 - e. Online Payment of GST using Tally (ref. unit.5)
2. **For Students:** Students shall take up individual field study on Entry of GST Voucher, Calculation of Input Tax and Output Tax including single rated /multi rated GST with a selected organizations. Submission of online GST Returns for a selected business firm. Each student has to submit his/her observations as a handwritten Fieldwork/Project work Report not exceeding 10 pages in the given format to the teacher.
3. Max marks for Fieldwork/Project work Report: 05.
4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.
5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1. Training of students by a related field expert.
2. Assignments including technical assignments like Working with Tally for Observation of real-time entries for transaction of accounting with inventory
3. Seminars, Conferences, discussions by inviting concerned institutions
4. Field Visit
5. Invited lectures and presentations on related topics.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks).
OUT OF EIGHT COVERIBG ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)
OUT OF EIGHT COVERIBG ALL UNITS

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Time: 3 Hrs

Course **20C: E COMMERCE**
(Skill Enhancement Course) (Elective 4 Credits)

I. Learning Outcomes:

By the completion of the course, the students are able to

1. Understand the mechanism of ecommerce
2. Equip specialization in website designing for e commerce
3. Enhance their skills in operational services of e commerce
4. Involve in activities of e commerce
5. Able to create awareness among the public on commerce activities

II. Syllabus Total 75hrs (Teaching 60, Training 10 and others 05 including IE etc)

UNIT 1: Introduction, Nature and Scope

Introduction- Definition –importance- Nature and scope of e commerce-Advantages and limitations-Types of ecommerce – B2B,B2C,C2B,C2C,B2A,C2A- Framework e commerce

UNIT 2:- Environmental and Technical support Aspects

Technical Components- Internet and its component structure-Internet Vs Intranet, Vs Extranet and their differences-Website design- its structure-designing, developing and deploying the system-

UNIT 3. –Security and Legal Aspects

Security environment –its preliminaries and precautions-protecting Web server with Firewalls-Importance of Digital Signature –its components – Cyber Law-Relevant Provisions of IT Act 2000.

UNIT 4. - Operational Services of e Commerce

E retailing –features- E Services-Banking, Insurance, Travel, Auctions, Learning, Publication and Entertainment-Payment of utilities (Gas, Current Bill, Petrol Products)- On Line Shopping (Amazon, Flip kart, Snap deal etc.)

UNIT 5.–E Payment System

Types of e payment system- its features-Digital payments (Debit Card/Credit Cards, Internet Banking, Mobile wallets- Digital Apps (unified Payment Services-Phone Pay, Google Pay, BHIM Etc.) Unstructured Supplementary Services Data (Bank Prepaid Card, Mobile banking)-

III. References:

1. Bharat Bhaskar , Electronic Commerce Framework, Technology and Application.
McGraw Hill Education
2. Bajaj,D.Nag,E Commerce, Tata McGraw Hill Publication
3. Whitely David , E-Commerce, McGraw Hill
4. TN Chhabra ,E Commerce, Dhanapat Rai & Co
5. Dave Chaffey, E Business and E Commerce Management, Pearson Publication
6. Dr.Pratik Kumar Prajapati, Dr.M.Patel, E Commerce , Redshine Publication

7. *Web resources suggested by the Teacher concerned and the College Librarian including reading material*

IV Co-Curricular Activities (teacher participation: total 15 hours):

A. Mandatory

1. For Teachers: Training of students by the teacher (using actual field material) in classroom and field for a total of not less than 10 hours on the skills of listing out the local institutions who are involved in e commerce activities, Identifying the institutions and their experience in operational activities of e commerce, Case studies are to be analyzed of various problems raised at the time of e payment and operational activities of e commerce

2. For Students: Students shall individually undertake field study by contact website designers and studying various procedures adopted by the merchants and individuals and their experiences. Each student has to record and submit his/her observations in a handwritten Fieldwork/Project work Report not exceeding 10 pages to teacher in the given format.

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages): Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities

1 Training of students by a related field expert.

2. Assignments (including technical assignments like volume of business operated through e commerce, Case Studies of problems raised at the time of e commerce

3. Seminars, Conferences, discussions by inviting concerned institutions

4. Conduct surveys on pros and cons of ecommerce

5. Invited lectures and presentations on related topics by field experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

OUT OF EIGHT COVER ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT COVERING ALL UNITS

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2020-21

Course Code:

Four-year B.Com. (Hons)
Domain Subject: **COMMERCE**
IV Year B. Com.(Hons) – Semester – V

Max Marks: 100

Time: 3 Hrs

Course **21 C: e FILING**
(Skill Enhancement Course (Elective) 4credits)

Learning Outcomes:

By the completion of the course, the students are able to

- Understand and apply basic knowledge of Indian Tax System
- Equip specialization in taxation system
- Enhance their skills in presenting returns
- Involve in activities of Chartered Accountants for filing returns
- file returns of Income Tax and GST

II. Syllabus: Total 75hrs (Teaching 60, Training10, Others 05 including IE etc.)

UNIT 1: Introduction, Nature and Scope

Introduction- Definition –importance and scope of returns--Types of Assesses –under Income Tax and Goods and Service Tax-Sources of income-

UNIT 2:- Returns filing under Income Tax

Types of Returns- Mode of filing-Manual-Electronic Bureau of Internal Revenue Form (eBIR) Electronic Filing and Electronic and Payment System (eFPS)-for Individuals- ITR1,ITR2,ITR3,ITR4,For Firms and CompaniesITR5,ITR6,ITR7.

UNIT 3: –Penalties and Prosecution under Income Tax

Nonpayment, failure to comply,-Concealment-, Book Audit, Loans-International transactions, TDS

UNIT 4:-Returns filing under Goods Service Tax

GSTR1, GSTR2, GSTR2A, GSTR3B, GSTR4, GSTR5, GSTR6

UNIT 5.–Penalties and Prosecution under GST

Differences between fees and penalty-Types of penalties under section 122 to 138

III. References:

1. Varun Panwar ,Jyothi Mahajan Introduction to efileing returns MKM Publishers
2. Hemachandjain and H.N.Tiwari Computer Application in Business Taxman’s Publication
3. SusheelaMadan Computer Application in Business MKM Publishers
4. www.incometaxindiafiling.gov.in
5. www.taxguru.in
6. www.bharatlaws.com
7. www.cbic-gst.gov.in
- 8.. www.taxmann.com

Web resources suggested by the Teacher concerned and the College Librarian including reading material

IV Co-Curricular Activities (teacher participation: total 15 hours):

A. Mandatory

1. For Teachers: Training of students by the teacher (using actual field material) in classroom and field for not less than 10 hours on the skills of Local tax consultants and the problems raised at the time of e filing, Identifying the assesses and their experience in e filing activities, Analysis of various returns filed through manual and e filing and their difficulties and advantages, Listing out assesses who paid penalties and identify the various reasons

2. For Students: Filing of tax returns through the tax experts and concerned websites, Students shall be submitted a project report on filing of returns.

3. Max marks for Fieldwork/Project work Report: 05.

4. Suggested Format for Fieldwork/Project work Report (not more than 10 pages):
Title page, student details, contents, objective, step-wise work done, findings, conclusions and acknowledgements.

5. Unit tests (IE).

B. Suggested Co-Curricular Activities

- Training of students by a related field expert.
- Assignments (including technical assignments like collection of submitted returns of various organizations, Case Studies of problems raised at the time of submission of returns.
- Seminars, Conferences ,discussions by inviting concerned institutions
- Visits to local chartered Accountants to expose the practical filing procedure
- Invited lectures and presentations on related topics by field experts.

V. Suggested Question Paper Pattern:

Max. Marks 75

Time: 3 hrs.

SECTION - A (Total 25 marks)

Answer any FIVE Questions (5×5 Marks)

.OUT OF EGHIT UNITS COVERING ALL UNITS

SECTION - B (Total 50 marks)

Answer any FIVE Questions (5×10 Marks)

OUT OF EIGHT COVERING ALL UNITS

ANDHRAPRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory body of the Government of Andhra Pradesh)

REVISED UG SYLLABUS UNDER CBCS
(Implemented from Academic Year - 2020-21)
PROGRAMME: FOUR YEAR B.A./B.Com (Hons)

Domain Subject: Computer Applications for Arts/Commerce
Skill Enhancement Courses (SECs) for Semester V, from 2022-23 (Syllabus/Curriculum)

Pair Options of SECs for Semester-V
(To choose One pair from the Four alternate pairs of SECs)

Univ. Code	Course NO. 6&7	Name of Course	Hrs. / Week	Max Marks IE	Max Marks EE	Credits
	6A	Big data Analytics using R	5	25	75	4
	7A	Data Science using Python	5	25	75	4

OR

	6B	Mobile application development	5	25	75	4
	7B	Cyber security and malware analysis	5	25	75	4

OR

	6C	E-commerce application development	5	25	75	4
	7C	Real time governance system (RTGS)	5	25	75	4

OR

	6D	Multimedia Tools and Applications	5	25	75	4
	7D	Digital imaging	5	25	75	4

Note-1: For Semester-V, for the domain subject Computer Applications, any one of the above four pairs of SECs shall be chosen as courses 6 and 7, i.e., 6A & 7A or 6B & 7B or 6C & 7C or 6D & 7D. The pair shall not be broken (ABCD allotment is random, not on any priority basis).

Note-2: One of the main objectives of Skill Enhancement Courses (SEC) is to inculcate practical skills related to the domain subject in students. The syllabus of SEC will be partially skill oriented. Hence, teachers shall also impart practical training to students on the skills embedded in syllabus citing related real field situations.

Note-3: Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per subject/course.

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Subject: **Computer Applications for Arts/Commerce**
Four year B.A. /B.Com. (Hons) Semester –V (from 2022-23)

Course Code:

Max Marks: 100

Course-6A: BIGDATA ANALYTICS USING R

(Skill Enhancement Course (Elective), 4 credits)

I. Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Understand data and classification of digital data.
2. Understand Big Data Analytics.
3. Load data in to R.
4. Organize data in the form of R objects and manipulate them as needed.
5. Perform analytics using R programming.

II. Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

Unit – 1: Introduction to Big data (12 h)

Data, classification Of Digital Data--structured, unstructured, semi-structured data, characteristics of data, evaluation of big data, definition and challenges of big data , what is big data and why to use big data ?, business intelligence Vs big data.

Unit – 2: Big data Analytics (10 h)

What is and isn't big data analytics? Why hype around big data analytics? Classification of analytics, top challenges facing big data, importance of big data analytics, technologies needed to meet challenges of big data.

Unit – 3: Introduction to R and getting started with R (13h)

What is R? Why R? , advantages of R over other programming languages, Data types in R-logical, numeric, integer, character, double, complex, raw, coercion, ls() command, expressions, variables and functions, control structures, Array, Matrix, Vectors, R packages.

Unit – 4: Exploring data in R (13h)

Data frames-data frame access, ordering data frames, R functions for data frames dim(), nrow(), ncol(), str(), summary(), names(), head(), tail(), edit() .Load data frames—reading from .CSV files, sub setting data frames, reading from tab separated value files, reading from tables.

Unit – 5: Data Visualization using R (12h)

Reading and getting data into R (External Data): XML files, Web Data, JSON files, Databases, Excel files.

Working with R Charts and Graphs: Histograms, Bar Charts, Line Graphs, Scatterplots, Pie Charts

BOOKS

1. Seema Acharya , Subhashini Chellappan --- Big Data And Analytics second edition, Wiley
2. Seema Acharya--Data Analytics using R, McGraw Hill education (India) Private Limited.
3. Big Data Analytics, Introduction to Hadoop, Spark, and Machine-Learning, Raj kamal, Preeti Saxena, McGraw Hill, 2018.
4. Big Data, Big Analytics: Emerging Business intelligence and Analytic trends for Today's Business, Michael Minelli, Michelle Chambers, and Ambiga Dhiraj, John Wiley & Sons, 2013

Reference Books:

1. An Introduction to R, Notes on R: A Programming Environment for Data Analysis and Graphics. W. N. Venables, D.M. Smith and the R Development Core Team

RECOMMENDED CO-CURRICULAR ACTIVITIES:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups a steams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity

B. General

1. Group Discussion
2. Try to solve MCQ's available online.
3. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Problem-solving exercises,
4. Practical assignments and laboratory reports.
5. Observation of practical skills,
6. Individual and group project reports like “Creating Text Editor in C”.
7. Efficient delivery using seminar presentations,
8. Viva voce interviews.
9. Computerized adaptive testing, literature surveys and evaluations,
10. Peers and self-assessment, outputs form individual and collaborative work

Course-6A: Big Data Analytics Using R---- Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

1. Create a vector in R and perform operations on it.
2. Create integer, complex, logical, character data type objects in R and print their values and their class using print and class functions.
3. Write code in R to demonstrate sum(), min(), max() and seq() functions.
4. Write code in R to manipulate text in R using grep(), toupper(), tolower() and substr() functions.
5. Create data frame in R and perform operations on it.
6. Import data into R from text and excel files using read.table () and read.csv () functions.
7. Write code in R to find out whether number is prime or not.
8. Print numbers from 1 to 100 using while loop and for loop in R.
9. Write a program to import data from csv file and print the data on the console.
10. Write a program to demonstrate histogram in R.

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned Faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four year B.A./B.Com.(Hons) (Hons)

Course Code:

Subject: **Computer Applications for Arts/Commerce**
Four year B.A. /B.Com. (Hons)Semester –V (from 2022-23)

Max Marks: 100

Course-7A: DATA SCIENCE USING PYTHON
(Skill Enhancement Course (Elective), 4 credits)

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Understand basic concepts of data science
2. Understand why python is a useful scripting language for developers.
3. Use standard programming constructs like selection and repetition.
4. Use aggregated data (list, tuple, and dictionary).
5. Implement functions and modules.

II. Syllabus :(Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

Unit – 1: Introduction to data science (12h)

Data science and its importance, advantages of data science, the process of data science, Responsibilities of a data scientist, qualifications of data scientists, would you be a good data scientist, why to use python for data science.

Unit – 2: Introduction to python (14h)

What is python , features of python, history of python, writing and executing the python program, basic syntax, variables, keywords, data types ,operators ,indentation, Conditional statements-if, if-else, nested if-else, looping statements-for, while, break, continue, pass

Unit – 3: Control structures and strings (10h)

Strings - definition, accessing, slicing and basic operations

Lists - introduction, accessing list, operations, functions and methods,

Tuples - introduction, accessing tuple

Dictionaries - introduction, accessing values in dictionaries

Unit – 4: Functions and modules (13h)

Functions - defining a function, calling a function, types of functions, function arguments, local and global variables, lambda and recursive functions, Modules- math and random

Unit-5: Classes & Objects

(11h)

Classes and Objects, Class method and self-argument, class variables and object variables, public and private data members, private methods, built-in class attributes, static methods.

Reference Books:

1. Steven cooper--- Data Science from Scratch, Kindle edition
2. Reemathareja—Python Programming using problem solving approach, Oxford Publication

RECOMMENDED CO-CURRICULAR ACTIVITIES:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

C. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups a steams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity)

D. General

1. Group Discussion
2. Try to solve MCQ's available online.
3. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

11. The oral and written examinations (Scheduled and surprise tests),
12. Closed-book and open-book tests,
13. Problem-solving exercises,
14. Practical assignments and laboratory reports.
15. Observation of practical skills,
16. Individual and group project reports like “Creating Text Editor in C”.
17. Efficient delivery using seminar presentations,
18. Viva voce interviews.
19. Computerized adaptive testing, literature surveys and evaluations,
20. Peers and self-assessment, outputs form individual and collaborative work

Course-7A: Data Science Using Python; Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

1. Python Program to Find the Square Root
2. Python Program to Swap Two Variables
3. Python Program to Generate a Random Number
4. Python Program to Check if a Number is Odd or Even
5. Python Program to Find the Largest Among Three Numbers
6. Python Program to Check Prime Number
7. Python Program to Display the multiplication Table
8. Python Program to Print the Fibonacci sequence
9. Python Program to Find the Sum of Natural Numbers
10. Python Program to Find Factorial of Number Using Recursion
11. Python Program to work with string methods.
12. Python Program to create a dictionary and print its content.
13. Python Program to create class and objects.

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned Faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four year B.A./B.Com.(Hons) (Hons)

Course Code:

Subject: **Computer Applications for Arts/Commerce**
Four year B.A./B.Com.(Hons) Semester –V (from 2022-23)

Max Marks: 100

Course-**6B: MOBILE APPLICATION DEVELOPMENT**
(Skill Enhancement Course (Elective), 4 credits)

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Identify basic terms ,tools and software related to android systems
2. Describe components of IDE, understand features of android development tools
3. Describe the layouts and controls
4. Explain the significance of displays using the given view
5. Explain the features of services and able to publish android Application
6. Developing interesting Android applications using MIT App Inventor

Unit-1:(Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

10 Hrs

- 1.1 Introduction to Android ,open headset alliance, Android Ecosystem
- 1.2 Need of Android
- 1.3 Features of Android
- 1.4 Tools and software required for developing an Application

Unit-2:

13Hrs

- 2.1 operating system, java JDK, Android SDK
- 2.2 Android development tools
- 2.3 Android virtual devices
- 2.4 steps to install and configure Android studio and sdk
- 2.5 Android activities

Unit-3:

14Hrs

- 3.1 control flow, directory structure
- 3.2 components of a screen
- 3.3 fundamental UI design
- 3.4 linear layout, absolute layout , table layout
- 3.5 text view
- 3.6 edit text
- 3.7 button, image button, radio button
- 3.8 radio group, check box, and progress bar
- 3.9 list view, grid view, image view, scroll view

3.10 time and date picker

3.11 toast

Unit-4:

10Hrs

4.1 android platform services

4.2 Android system Architecture

4.3 Android Security model

Unit-5 13Hrs.

5.1 Introduction of MIT App Inventor

5.2 Application Coding

5.3 Programming Basics & Dialog

5.4 Audio & Video

5.5 File

Text Books:

1. Erik Hellman, “Android Programming – Pushing the Limits”, 1st Edition, Wiley India Pvt Ltd, 2014.
2. App Inventor: create your own Android apps by Wolber, David (David Wayne)

Reference Books:

1. Dawn Griffiths and David Griffiths, “Head First Android Development”, 1st Edition, O’Reilly SPD Publishers, 2015.
2. J F DiMarzio, “Beginning Android Programming with Android Studio”, 4th Edition, Wiley India Pvt Ltd, 2016. ISBN-13: 978-8126565580
3. Anubhav Pradhan, Anil V Deshpande, “ Composing Mobile Apps” using Android, Wiley 2014, ISBN: 978-81-265-4660-2
4. Android Online Developers Guide
5. <http://developer.android.com/reference/> Udacity: Developing Android
6. Apps- Fundamentals
7. <https://www.udacity.com/course/developing-android-appsfundamentals--ud853-nd>
8. <http://www.appinventor.mit.edu/>

RECOMMENDED CO-CURRICULAR ACTIVITIES:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

E. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Study projects (by very small groups of students on selected local real-time

problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity)

General

- a. Group Discussion
- b. Try to solve MCQ's available online.
- c. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Problem-solving exercises,
4. Practical assignments and laboratory reports.
5. Observation of practical skills,
6. Efficient delivery using seminar presentations,
7. Viva voce interviews.
8. Computerized adaptive testing, literature surveys and evaluations,
9. Peers and self-assessment, outputs form individual and collaborative work

Course-6B: Mobile Application Development: Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

Outcomes:

1. Understand the android platform
2. Design and implementation of various mobile applications

Experiments:

1. Demonstrate mobile technologies and devices
2. Demonstrate Android platform and applications overview
3. Working with texts , shapes, buttons and lists
4. Develop a calculator application
5. Implement an application that creates a alarm clock

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four year B.A./B.Com.(Hons) (Hons) Semester –V (from 2022-23)
Course Code: _____ Max Marks: 100
Domain Subject: **Computer Applications for Arts/Commerce**
IV Year B. Sc./B.Com (Hons) – Semester – V
Course-7B: **CYBER SECURITY AND MALWARE ANALYSIS**
(Skill Enhancement Course (Elective), 4 credits)

COURSE OUTCOMES:

Upon successful completion of this course, students should have the knowledge and skills to

1. Understand the computer networks, networking tools and cyber security
2. Learn about NIST Cyber Security Framework
3. Understand the OWASP Vulnerabilities
4. Implement various Malware analysis tools
5. Understand about Information Technology act 2000

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

UNIT 1: Introduction to Networks & cyber security **14hrs**

- Computer Network Basics
- Computer network types
- OSI Reference model
- TCP/IP Protocol suite
- Difference between OSI and TCP/IP
- What is cyber, cyber-crime and cyber-security
- All Layer wise attacks
- Networking devices: router, bridge, switch, server, firewall
- How to configure: router
- How to create LAN

UNIT 2: NIST Cyber security framework **12hrs**

- Introduction to the components of the framework
- Cyber security Framework Tiers
- What is NIST Cyber security framework
- Features of NIST Cyber security framework
- Functions of NIST Cyber security framework
- Turn the NIST Cyber security Framework into Reality/ implementing the framework

UNIT 3: OWASP

12hrs

- What is OWASP?
- OWASP Top 10 Vulnerabilities
 - ❖ Injection
 - ❖ Broken Authentication
 - ❖ Sensitive Data Exposure
 - ❖ XML External Entities (XXE)
 - ❖ Broken Access Control
 - ❖ Security Misconfiguration
 - ❖ Cross-Site Scripting (XSS)
 - ❖ Insecure Deserialization
 - ❖ Using Components with Known Vulnerabilities
 - ❖ Insufficient Logging and Monitoring
- Web application firewall

UNIT 4: MALWARE ANALYSIS

12hrs

- What is malware
- Types of malware
 - ❖ Key loggers
 - ❖ Trojans
 - ❖ Ransomware
 - ❖ Rootkits
- Antivirus
- Firewalls
- Malware analysis
 - ❖ VM ware
 - ❖ How to use sandbox
 - ❖ Process explorer
 - ❖ Process monitor

UNIT 5: CYBER SECURITY: Legal Perspectives

10hrs

- Cybercrime and the legal landscape around the world
- Indian IT ACT 2008 --Cybercrime and Punishments
- Challenges to Indian law and cybercrime scenario in India

Textbooks:

1. Computer Networks | Fifth Edition | By Pearson (6th Edition)|Tanenbaum, Feamster & Wetherill
2. Computer Networking | A Top-Down Approach | Sixth Edition | By Pearson | Kurose James F. Ross Keith W.
3. Cyber Security by Sunit Belapure, Nina Godbole|Wiley Publications
4. TCP/IP Protocol Suite |Mcgraw-hill| Forouzan|Fourth Edition

Website References:

- <https://csrc.nist.gov/Projects/cybersecurity-framework/nist-cybersecurity-framework-a-quick-start-guide>
- <https://owasp.org/www-project-top-ten/>
- <https://owasp.org/www-project-juice-shop/>

Co-Curricular Activities:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

B. General

1. Group Discussion
2. Try to solve MCQ's available online.

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Practical assignments and laboratory reports,
4. Observation of practical skills,
5. Individual and group project reports.
6. Efficient delivery using seminar presentations,
7. Viva-Voce interviews.
8. Computerized adaptive testing, literature surveys and evaluations,
9. Peers and self-assessment, outputs form individual and collaborative work

Course-7B: Cyber Security and Malware Analysis; Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

Experiments:

1. Configure a LAN by using a switch
2. Configure a LAN by using Router
3. Perform the packet sniffing mechanism by download the “wire shark” tool and extract the packets
4. Perform an SQL Injection attack and its preventive measure to avoid Injection attack

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four year B.A. /B.Com. (Hons) Semester –V (from 2022-23)
Domain Subject: **Computer Applications for Arts/Commerce**

Course Code:

Max Marks: 100

Course-6C: E– COMMERCE APPLICATION DEVELOPMENT
(Skill Enhancement Course (Elective), 4 credits)

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. To apply in an integrative and summative fashion the students' knowledge in all fields of business studies by drafting a website presence plan.
2. To understand the factors needed in order to be a successful in ecommerce
3. To gain the skills to bring together knowledge gathered about the different components of building a web presence
4. To critically think about problems and issues that might pop up during the establishment of the web presence
5. To apply Word Press as a content management system (CMS), Plan their website by choosing colour schemes, fonts, layouts, and more

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

Unit-1:

(10h)

- 1.1 Introduction to E– commerce:
- 1.2 Meaning and concept – E– commerce
- 1.3 E– commerce v/s Traditional Commerce
- 1.4 E– Business & E– Commerce – History of E– Commerce
- 1.5 EDI – Importance, features & benefits of E– Commerce
- 1.6 Impacts, Challenges & Limitations of E– Commerce

Unit-2:

(12h)

- 2.1 Business models of E – Commerce: Business to Business
 - 2.1.2 Business to customers
 - 2.1.3 Customers to Customers
 - 2.1.4 Business to Government
 - 2.1.5 Business to Employee
- 2.2 Influencing factors of successful E– Commerce
- 2.3 Architectural framework of Electronic Commerce
- 2.4 Web based E Commerce Architecture.
- 2.5 Internet Commerce

Unit-3:

(12h)

- 3.1 Electronic data Interchange
- 3.2 EDI Technology
- 3.3 EDI- Communications

- 3.4 EDI Agreements
- 3.5 E– Commerce payment system.
- 3.6 Digital Economy

Unit -4: **(13h)**

- 4.1 A Page on the web - HTML Basics
- 4.2 Client Side scripting -JAVA SCRIPT basics
- 4.3 Server side Scripting- PHP basics.

Unit-5: **(13h)**

- 5.1 Logging in to Your Word press Site
- 5.2 word press dash board
- 5.3 creating your first post
- 5.4 adding photos and images
- 5.5 creating hyper link
- 5.6 adding categories and tags

Textbooks:

1. Turban, Rainer, and Potter, Introduction to E-Commerce, second edition, 2003
2. H. M. Deitel, P. J. Deitel and T. R. Nieto, E-Business and E-Commerce: How to Programe, Prentice hall, 2001
3. WordPress All-in-One For Dummies -written by Lisa Sabin Wilson with contributions by Michael Torbert, Andrea Rennick, Cory Miller, and Kevin Palmer

Reference Books:

1. Elias. M. Awad, "Electronic Commerce", Prentice-Hall of India Pvt Ltd.
2. Ravi Kalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley
3. <https://w3schools.com>
4. David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill.

RECOMMENDED CO-CURRICULAR ACTIVITIES: (Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))

B. General

1. Group Discussion
2. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Efficient delivery using seminar presentations,
4. Computerized adaptive testing, literature surveys and evaluations,
5. Peers and self-assessment, outputs form individual and collaborative work

Course-6C: E– Commerce Application Development; Lab (Practical) Syllabus (15 Hrs)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

Case study of e –commerce

1. Home page design of web site
2. Validation using PHP
3. Implement Catalogue design
4. Implement Access control mechanism(eg: username and password)
5. Case study on business model of online E-Commerce store

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four year B.A. /B.Com. (Hons)Semester –V (from 2022-23)

Domain Subject: **Computer Applications for Arts/Commerce**

Course Code:

Max Marks: 100

Course-7C: REAL TIME GOVERNANCE SYSTEM (RTGS)

(Skill Enhancement Course (Elective), 4 credits)

COURSE OUTCOMES:

Upon successful completion of this course, students will have the knowledge and skills to

1. Understand the terms regarding Governance, E-Governance and RTGS
2. Learn about E-Governance Infrastructure
3. Understand the E-Governance implementation in several countries
4. Understand the E-Governance implementation in several Indian states
5. Understand the applications of RTG

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

UNIT 1: Introduction to E-Governance

12hrs

- Government, Governance and Good Governance
- What is E-Governance or Electronic Governance?
- E-Government and E-Governance: A conceptual Analysis
 - ❖ Objectives
 - ❖ Components
 - ❖ application domains
 - ❖ four phase model
 - ❖ implementing E-Governance
 - ❖ issues while implementing E-Governance
 - ❖ Opportunities and challenges
- Types of E-Governance
- What is Real-Time Governance (RTG)
- Real Time Governance Society (RTGS)

UNIT 2: E-Governance Infrastructure

14hrs

- Data Systems infrastructure
 - ❖ Executive Information Systems
 - ❖ Management Information Systems
 - ❖ Knowledge Management Systems

- ❖ Transaction Processing Systems
- Legal Infrastructural preparedness
 - ❖ IT Act 2000
 - ❖ Challenges to Indian law and cybercrime scenario in India
 - ❖ Amendments of the Indian IT Act
- Institutional Infrastructural preparedness
 - ❖ Internet
 - ❖ intranet
 - ❖ extranet
- Human Infrastructural preparedness
 - ❖ Top-level management
 - ❖ Middle-level management
 - ❖ Low-level management
- Technological Infrastructural preparedness
 - ❖ Information and communications technology
 - ❖ Data Warehousing
 - ❖ Cloud Computing

UNIT 3: E-Governance: Country Experience

12hrs

- INDIA
- US
- UK
- AUSTRALIA
- DUBAI

UNIT 4: E-Governance in India

12hrs

- Andhra Pradesh
- Karnataka
- Kerala
- Uttar Pradesh
- Madhya Pradesh
- West Bengal
- Gujarat

UNIT 5: Latest Applications in Real Time Governance

10hrs

- Agriculture
- Rural Development
- Health care
- Education
- Tourism
- Commerce and Trade

Textbooks:

1. E-Governance: concepts and case studies| CSR Prabhu| Prentice-Hall|
2. E-Governance| Niranjani, Sanhari Mishra | Himalaya Publishing House

Website References:

1. <http://www.egov4dev.org/success/case/>
2. <https://vikaspedia.in/e-governance/resources-for-vles>
3. <https://altametrics.com/en/information-systems/information-system-types.html>
4. <https://core.ap.gov.in/CMDashBoard/Index.aspx>

Co-Curricular Activities:

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

B. General

1. Group Discussion
2. Try to solve MCQ's available online.

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

10. The oral and written examinations (Scheduled and surprise tests),
11. Closed-book and open-book tests,
12. Practical assignments and laboratory reports,
13. Observation of practical skills,
14. Individual and group project reports.
15. Efficient delivery using seminar presentations,
16. Viva-Voce interviews.
17. Computerized adaptive testing, literature surveys and evaluations,
18. Peers and self-assessment, outputs form individual and collaborative work

Course-7C: Real Time Governance System (RTGS); Lab (Practical) Syllabus (15 Hrs)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

Note: Here the students have to gather the details in computer lab by surfing several websites & Google Search Engines and submit the report to the class/lab instructor before leaving the lab.

Week 1: Write a Report on the role of Nationwide Networking in E-Governance

Week 2: Write a Report on SETU: A Citizen Facilitation Centre in India, regarding it's successful or failure journey.

Week 3: Write a Report on National Cyber Security Policy, how it is useful to Indian citizens.

Week 4: Write a Report on mee-seva/Village Secretariat/Ward secretariat, a new paradigm in citizen services.

Week 5: Write a Report on how Andhra Pradesh is implementing RTGS in Agriculture.

Week 6: Write a Report on how Andhra Pradesh is implementing RTGS in social welfare schemes

Week 7: Write a Report on how Andhra Pradesh is implementing RTGS in waste lands, agricultural lands and house properties.

Week 8: Write a Report on Electronic Birth Registration in any one state of our country.

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20

Four-year B.A. /B.Com. (Hons) Semester-V (from 2022-23)
Domain Subject: **Computer Applications for Arts/Commerce**

Course Code: _____ Max Marks: 100

Course-6D: MULTIMEDIA TOOLS AND APPLICATIONS
(Skill Enhancement Course (Elective), 4 credits)

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Gain knowledge on the concepts related to Multimedia.
2. Understand the concepts like image data representation and colour modes.
3. Understand the different types of video signals and digital audio.
4. Know about multimedia data compression types and audio compression standards
5. Know about basic video compression techniques.

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

Unit-1: Introduction to multimedia:

12Hr

1. What is Multimedia?
2. Components of Multimedia System
3. Multimedia and Hypermedia
4. Multimedia Authoring metaphors
5. Multimedia Production
6. Multimedia Presentation
7. Some Technical Design Issues
8. Automatic Authoring

Unit-2: Image Data Representations and color models:

12Hr

1. Color science Human vision Image data types:
2. 2.Black & white images
 - 2.1 1-bit images (Binary image)
 - 2.2 8 -bit (Gray -level images)
3. Color images
 - 3.1 24-bit color images
 - 3.2 8-bit color images
4. Color models

Unit-3: Fundamental concepts in video:

12Hr

1. Types of Video Signals
 - 1.1 Analog Video
 - 1.2 Digital Video

Basics of Digital Audio:

2. What is Sound?
 - 2.1 Digitization of Sound
 - 2.2 Quantization and Transmission of Audio
 - 2.2.1 Pulse code modulation
 - 2.2.2 Differential coding of audio
 - 2.2.3 Predictive coding

Unit-4:

Multimedia Data Compression:

13Hr

1. Introduction
 - 1.1 Basics of Information Theory
 - 1.2 Lossless Compression Algorithms
 - 1.2.1 Fix-Length Coding
 - 1.2.2 Run-length coding
 - 1.2.4 Dictionary-based coding
 - 1.3. Variable Length Coding
 - 1.3.1 Huffman Coding Algorithm

Audio Compression standards:

2. Introduction
 - 2.1 Psychoacoustics model
 - 2.2 MPEG Audio

Unit-5: Basic Video Compression Techniques:

11Hr

1. Introduction to Video compression
2. Video compression standard H.261
3. Video compression standard MPEG-1

Text Books:

Fundamentals of Multimedia by Ze-Nian Li & Mark S. Drew. Publisher: Prentice Hall

Reference Books:

1. An introduction to digital multimedia by Savage, T. M. and Vogel, K. E. 2008.
2. Digital Multimedia by Nigel Chapman & Jenny Chapman. 2009.

Online Resources: <https://ksuit342.wordpress.com/lectuers/>
<https://www.tutorialspoint.com/multimedia>

Recommended Co-Curricular Activities (participation: total 15 weeks):

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))

4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

B. General

1. Group Discussion
2. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Programming exercises,
4. Observation of practical skills,
5. Efficient delivery using seminar presentations,
6. Viva voce interviews.
7. Computerized adaptive testing, literature surveys and evaluations,
8. Peers and self-assessment, outputs form individual and collaborative work

Suggested Software

- 1) Image Editing – GIMP
- 2) Audio Editing – Audacity
- 3) Video Editing – video pad
- 4) NCH software tools.

Course-6D: Multimedia Tools and Applications; Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

1. Editing images using GIMP
2. Improve the Quality of your Image in GIMP
3. Create an impressive background in GIMP
4. Applying Shadow & Highlight effects in images
5. Black& white and color photo conversion.

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

A.P. State Council of Higher Education
Semester-wise Revised Syllabus under CBCS, 2019-20
Four-year B.A./B.Com (Hons) Semester-V (from 2022-23)

Domain Subject: **Computer Applications for Arts/Commerce**

Course Code:

Max Marks: 100

Course-7D: DIGITAL IMAGING
(Skill Enhancement Course (Elective), 4 credits)

Learning Outcomes:

Upon successful completion of the course, a student will be able to:

1. Gain knowledge about Types of Graphics, Types of Objects and Types of video editing tools
2. Show their skills in editing and altering photographs for through a basic understanding of the tool box.
3. Gain knowledge in using the layers.
4. Gain knowledge in using the selection tools, repair tools.
5. Gain knowledge in using selection tools, applying filters and can show their skills.

Syllabus: (Total hours: 75 including Theory, Practical, Training, Unit tests etc.)

UNIT-I

12 Hrs

1. Types of Graphics
 - 1.1 Raster vs Vector Graphics
2. Types of Objects
 - 2.1 Audio formats
 - 2.2 Video formats
 - 2.3 Image formats
 - 2.4 Text document formats
3. Types of video editing
4. Different color modes.
5. Image Scanner
 - 5.1 Types of Image Scanners

UNIT-II

12 Hrs

1. What is GIMP?
2. GIMP tool box window
3. Layers Dialog
4. Tool Options Dialog
5. Image window
6. Image window menus

UNIT-III

12 Hrs

Improving Digital Photos

- 1.1 Opening files
 - 1.1.1 Rescaling saving files
- 1.2. Cropping
- 1.3. Brightening & Darkening
- 1.4. Rotating
- 1.5. Sharpening

Introduction to layers

- 2. What is layer?
 - 2.1. Using layer to add text
 - 2.2. Using move tool
 - 2.3. Changing colors
 - 2.4. Simple effects on layers
 - 2.5 Performing operations on layers
 - 2.7 Using layers to copy and paste

UNIT-IV

12 Hrs

Drawing:

- 1.1 Drawing lines and curves
- 1.2 Changing colors and brushes
- 1.3 Erasing
- 1.4 Drawing rectangles, Circles and other shapes
- 1.6 Outlining and filling regions
- 1.7 Filling with patterns and gradients

Selection:

- 2.1 Working with selections
- 2.2 Select by color and fuzzy
- 2.3 Select Bezier paths
- 2.5 Modifying selections with selection modes

UNIT-V

12 Hrs

Erasing and Touching Up:

- 1.1 Dodge and burn tool
- 1.3 Clone tool
- 1.4 Sharpening using convolve tool
- 1.5 Correcting Color Balance

Filters:

- 2.1 Filters
 - 2.1.1 Blur
 - 2.1.2 Enhance
 - 2.1.3 Noise Filters

References:

Textbook: Beginning GIMP from Novice to professional by Akkana Peck,
Second Edition, Apress

Recommended Co-Curricular Activities (participation: total 15 weeks):

(Co-curricular activities shall not promote copying from textbook or from others work and shall encourage self/independent and group learning)

A. Measurable

1. Assignments (in writing and doing forms on the aspects of syllabus content and outside the syllabus content. Shall be individual and challenging)
2. Student seminars (on topics of the syllabus and related aspects (individual activity))
3. Quiz (on topics where the content can be compiled by smaller aspects and data (Individuals or groups as teams))
4. Study projects (by very small groups of students on selected local real-time problems pertaining to syllabus or related areas. The individual participation and contribution of students shall be ensured (team activity))

B. General

1. Group Discussion
2. Others

RECOMMENDED CONTINUOUS ASSESSMENT METHODS:

Some of the following suggested assessment methodologies could be adopted;

1. The oral and written examinations (Scheduled and surprise tests),
2. Closed-book and open-book tests,
3. Programming exercises,
4. Observation of practical skills,
5. Efficient delivery using seminar presentations,
6. Viva voce interviews.
7. Computerized adaptive testing, literature surveys and evaluations,
8. Peers and self-assessment, outputs form individual and collaborative work

Course-7D: DIGITAL IMAGING; Lab (Practical) Syllabus (15 Hrs.)

(Since, the proposed SECs are connected to Computer Programming/Software Tools and Skill enhancement, the students need to get exposure on the syllabus content by practicing on the computer even though there is no formal assignment of credits and laboratory hours for practical sessions. So, as part of the Co-curricular activities and continuous assessment, students should be engaged in practicing on computer for at least 15 hours per semester.)

1. Designing a Visiting card
2. Design Cover page of a book
3. Paper add for calling tenders
4. Design a Pamphlet
5. Brochure designing
6. Titles designing
7. Custom shapes creation
8. Image size modification
9. Background changes
10. Texture and patterns designing

Note: The list of experiments need not be restricted to the above list. *Detailed list of Programming/software tool based exercises can be prepared by the concerned faculty members.*

Draft Syllabus prepared by:

1. Dr. M. Babu Reddy, Krishna University, Machilipatnam
2. Mr.Kavuri Sridhar, PB Sidhartha College of Arts & Science, Vijayawada
3. Mr.SAB Nehru, Andhra Layola College, Vijayawada