



Andhra Christian College, Guntur

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Criterion: I

Metric: 1.1.1



Criterion 1 – Curriculum Planning and Implementation

OUTCOME BASED EDUCATION

POs, COs & PSOs

PROGRAM OUTCOMES

B.Sc (Bachelor of Science)

After completing three years for Bachelors in Science (B.Sc) program, students would:

PO1: Acquired the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, and Computer Science etc.

PO2: Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific & Computer phenomena and their relevancies in the day-to-day life.

PO3: Acquired the skills in handling scientific and Computer equipments, planning and performing in laboratory experiments.

PO4: Analyzed the given scientific data critically and systematically and the ability to draw the objective conclusions.

PO5: Been able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems.

PO6: Realized how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable development in Society.

PO7: Imbined ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.

PO8: Developed various communication skills such as reading, listening, speaking, etc., which we will help in expressing ideas and views clearly and effectively.

PO9: Realized that pursuit of knowledge is a lifelong activity and in combination with constant efforts and positive attitude and other necessary qualities leads towards a successful life.

PO10: After the completion of this course students have the option to go for higher studies, also offers opportunities for serving in state and central government s in various jobs.

BA (Bachelor of Arts)

After completing three years for Bachelors in Arts (B.A) program, students would:

PO1: Understand the world, their country, their society, as well as themselves and have awareness of ethical problems, social rights, values and responsibility to the self and to others.

PO2: Obtain wider knowledge of facts and figures of the past and make the learner assimilate the essence of that through multidisciplinary approach. It takes them into the intellectual forum through the study of history.

PO3: The Sociology students can develop the sociological knowledge and skills that will enable them to think critically and imaginatively about society and social issues.

PO4: The students understand the basic principles of Politics, including governing institutions and branches, political wings and organizations, political behavior and the operation of government at both the national and state levels.

PO5: Students will be familiar with introductory, canonical models of consumer and producer behavior and of macro economy have a basic understanding of the operation of a modern economy be able to evaluate the effects of government interventions in individual markets and in the macro Economy. They can analyze operations of markets under varying competitive conditions. They can analyze causes and consequences of unemployment, inflation and economic growth.

PO6: Think critically, follow innovations and developments in science and technology, demonstrate personal and organizational entrepreneurship and engage in life-long learning in various subjects.

PO7: Take individual and team responsibility, function effectively and respectively as an individual and a member or a leader of a team; and have the skills to work effectively in multi-disciplinary teams.

PO8: Develop knowledge of theories, concepts, and research methods in humanities and social sciences.

PO9: Assess how global, national and regional developments affect society.

PO10: Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.

B.Com (Bachelor of Commerce)

After completing three years for Bachelors in Commerce (B.Com) program, students would:

PO1: Thorough grounding in the fundamentals of Commerce and Finance.

PO2: The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business.

PO3: Develop management skills, Developed Entrepreneurial ability, numerical ability and Well familiar with business regulatory framework.

PO4: Have basic knowledge of important business laws, financial accounting and basic principles of economics.

PO5: Think critically, follow innovations and developments in business and commerce, demonstrate personal and organizational entrepreneurship and engage in life-long learning in various subjects.

PO6: Take individual and team responsibility, function effectively and respectively as an individual and a member or a leader of a team; and have the skills to work effectively in multi-disciplinary teams.

PO7: Assess how commerce helps in global, national and regional developments.

PO8: Know how to access and evaluate data from various sources of information.

DEPARTMENT OF BOTANY

COs & PSOs

COURSE OUTCOMES (COs)

Course Code: BOT1SK

Course Name: Fundamentals of Microbes and Non-vascular Plants.

Upon completion of this course, the student will be able to:	
CO 1	Illustrate diversity among the viruses and prokaryotic organisms and categorize them.
CO 2	Classify fungi, lichens, algae and bryophytes based on the structure reproduction and life cycles.
CO 3	Analyze and ascertain the plant disease symptoms due to viruses and Bacteria.
CO 4	Evaluate the ecological and economic value of microbes, thallophytes and bryophytes.

Course Code: BOT2SK

Course Name: Basics of Vascular plants and Phytogeography.

Upon completion of this course, the student will be able to:	
CO 1	Classify and compare Pteridophytes and Gymnosperms based on their morphology, Anatomy reproduction and life cycles.
CO 2	Explain the process of fossilization and compare the characteristics of extinct and extant plants.
CO 3	Analyze the morphological of the most common angiosperm plants of their localities and recognize their families.
CO 4	Locate different Phytogeographical regions of the world and India and can analyze their floristic wealth.

Course Code: BOT3SK

Course Name: Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity.

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

CO 1	Understand on the organization of tissues and tissue systems in plants.
CO 2	Illustrate and interpret various aspects of embryology.
CO 3	Appraise various qualitative and quantitative parameters to study the population and community ecology.
CO 4	Correlate the importance of biodiversity and consequences due to its loss.

Course Code: BOT4SK

Course Name: Plant Physiology and Metabolism.

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

CO 1	Comprehend the importance of water in plant life and mechanisms for transport of water and solutes in plants.
CO 2	Evaluate the role of minerals in plant nutrition and their deficiency symptoms
CO 3	Critically understand the light reactions and carbon assimilation process responsible for synthesis of food in plants.
CO 4	Evaluate the physiological factors that regulate growth and development in plants.

Course Code: BOT5SK

Course Name: Cell Biology, Genetics and Plant Breeding.

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

CO 1	Distinguish prokaryotic and eukaryotic cells and design the model of a cell.
CO 2	Discuss the basics of Mendelian genetics its variations and interpret inheritance of traits in living beings.
CO 3	Understand the application of principles and modern techniques in plant breeding.
CO 4	Explain the organization of a eukaryotic chromosome, and structure of genetic material.
CO 5	Explain the procedures of selection and hybridization for improvement of crops.

Course Code: BOT 6C

Course Name: 6 C Plant Tissue Culture

Upon completion of this course, the student will be able to:	
CO 1	Comprehend the basic knowledge and application of tissue culture
CO 2	Identify various facilities required to set up a plant tissue cultural laboratory
CO 3	Acquire a critical knowledge on sterilization techniques related to plant tissue cultural
CO 4	Understand the bio transformation technique for production of secondary metabolites

Course Code: BOT 7C

Course Name: 7C Mushroom cultivation

Upon completion of this course, the student will be able to:	
CO 1	Understand the structure and life of a mushroom and discriminate edible and poisonous mushrooms
CO 2	Identify the basic infrastructure establish a mushroom culture unit
CO 3	Demonstrate skills preparation of compost and spawn
CO 4	Explain the methods of storage preparation of value – added products and marketing

PROGRAMME SPECIFIC OUTCOMES (PSOs)

At the end of the Programme the student will be able to

PSO1	Interpret principles, classifications, concepts, theories and mechanisms.
PSO2	Analyze hypothesis, procedures, properties, experimental facts and draw conclusions.
PSO3	Apply techniques in solving problems, sample analysis and production.
PSO4	Develop communicative competence, creative and critical thinking, practical, technical and employability skills, social sensibility and responsibility



ANDHRA CHRISTIAN COLLEGE: GUNTUR

DEPARTMENT OF HISTORY

COs and PSOs

Department of History ANDHRA CHRISTIAN COLLEGE, GUNTUR Offers Three years (comprising 6 semesters) under graduate programme in History with objective of empowering students to acquire all-inclusive understanding of History as an academic discipline upon completion of B A History Degree programme successfully. The students shall acquire the following skills and competencies.



COURSE OUTCOMES (COs)

Course code: HIS1SK

Course name: ANCIENT INDIAN HISTORY&CULTURE

After successful completion of this course, the student will be able to	
CO1	Identify and define various kinds of sources and understand how history books are shaped
CO2	Compare and contrast various stages of progress from IVC to Vedic age
CO3	analyze the Jain, Buddhist and Vedic faiths
CO4	Increase the awareness and appreciation of Transition from Territorial States to appreciation Emergence of Empires
CO5	Analyze the emergence of the Mauryan and Gupta empires during the “classical age” in India
CO6	Evaluate the key facets of ancient society, polity and culture in South India
CO7	Feudalism, and the rise of technology and commerce
CO8	Critically examine the nature of monarchic rule
CO9	understanding of cultural evolution during ancient period
CO10	Visualize where places are in relation to one another through map pointing

Course code: HIS2SK

Course name: Medieval Indian History & Culture (1206 A.D To 1764 A.D)

After successful completion of this course, the student will be able to	
CO1	Understand the socio, economic and cultural conditions of medieval India.
CO2	Describe the advent of Islam in India and study the traces of political and cultural expansion of Turks & Afghans.
CO3	Explain the Administration and art and architecture of Vijayanagar Rulers, Mughals and also analyze the rise of the Marathas and the contribution of Shivaji.
CO4	Evaluate the establishment of the British rule in India and understand the dangerous consequences of disunity at all levels.
CO5	Analyze the emergence of composite culture in India
CO6	Visualize where places are in relation to one another through map pointing.

Course code: HIS3SK

Course name: **Modern Indian History & Culture (1764- 1947 A. D)**

After successful completion of this course, the student will be able to	
CO1	Unearth the true nature of the British rule and its disastrous impact on Indian economy and society
CO2	Gauge the disillusionment of people against the Company's rule even during the early 19th century
CO3	Assess the causes and effects of Reformation movements and also inspire the public to overthrow inequalities of the present-day society

Course code: HIS5SK

Course name; **History of Modern World (From 15th Cent. AD to 1945 AD)**

	After successful completion of this course, the student will be able to
CO1	Demonstrate advanced factual knowledge of world histories, politics, and cultures
CO2	Assess and appraise the developments in art, literature, and society during the Renaissance and utilize content knowledge of the Reformation and Counter Reformation to make predictions about the evolution of Christianity in Europe and abroad.
CO3	Evaluate the causes for the Glorious Revolution and American Revolution and identify the background for the evolution of human rights movement
CO4	Understand the main events of the French Revolution and its significance in the shift in European culture from Enlightenment to Romanticism
CO5	Think how Russia's traditional monarchy was replaced with the world's first Communist state.
CO6	Know how the world wars affected people all over the world and the destruction they caused.
CO7	Develop the intellectual curiosity and habits of thought that will lead to life-long learning and continued engagement with European history, literature, culture, languages, and current affairs and acquire advanced international and intercultural competency through coursework in international studies.

Course code:6B

Course name: Tourism and Hospitality Services

Students after successful completion of the course will be able to:	
CO1	Understand hospitality as a career
CO2	Inculcate interpersonal skills
CO3	Develop the ability for multitasking and crisis management
CO4	Understands the spirit of teamwork
CO5	Acknowledge the importance of guest service and satisfaction

Course 7B:

COUSE NAME: Tourism Guidance and Operating Skills

Students after successful completion of the course will be able to:	
CO1	Acquire tour guiding, operating and soft skills
CO2	Understand different situations under which one has to work
CO3	Cultivate cultural awareness and flexibility
CO4	Understand and apply team spirit
CO5	Plan and organize tour operations efficiently



ANDHRA CHRISTIAN COLLEGE GUNTUR

DEPARTMENT OF COMMERCE

COs and PSOs

B.COM (GENRAL AND COMPUTER APPLICATION)

The Department of Commerce (B.com General and Computer) of ANDHRA CHRISTIAN COLLEGE, GUNTUR offers 3 years under graduation course it means six semesters as per the University calendar. After completion of the programme, students will be in a position to take informed decisions as follows

COURSE OUTCOMES (COs)

Course Code: BCO1S-1K

Course Name: FUNDAMENTALS OF ACCOUNTING

Upon completion of this course, the student will be able to:	
CO1	Identify transactions and events that need to be recorded in the books of accounts
CO2	Equip with the knowledge of accounting process and preparation of final accounts of sole trader.
CO3	Develop the skill of recording financial transactions and preparation of reports in accordance with GAAP.
CO4	Analyze the difference between cash book and pass book in terms of balance and make reconciliation.
CO5	Critically examine the balance sheets of a sole trader for different accounting periods
CO6	Design new accounting formulas & principles for business organizations

Course Code: BCO1S-2K

Course Name: Business Organization and Management

Upon completion of this course, the student will be able to:	
CO1	Understand different forms of business organizations
CO2	Comprehend the nature of Joint Stock Company and formalities to promote a Company
CO3	Describe the Social Responsibility of Business towards the society.
CO4	Critically examine the various organizations of the business firms and judge the best among them
CO5	Design and plan to register a business firm. Prepare different documents to register a company at his own
CO6	Articulate new models of business organizations.

Course Code: BCO1S-3K

Course Name: Business Environment

Upon completion of this course, the student will be able to:	
CO1	Understand the concept of business environment
CO2	Define Internal and External elements affecting business environment
CO3	Explain the economic trends and its effect on Government policies.
CO4	Critically examine recent developments in economic and business policies of the Government
CO5	Evaluate and judge the best business policies in Indian business environment
CO6	Develop the new ideas for creating good business environment

Course Code: BCO2S-1K

Course Name: Financial Accounting

Upon completion of this course, the student will be able to:	
CO1	Understand the concept of consignment and learn the accounting treatment of the various aspects of consignment
CO2	Analyze the accounting process and preparation of accounts in consignment and joint venture.
CO3	Distinguish Joint Venture and Partnership and to learn the methods of maintaining records under Joint Venture
CO4	Determine the useful life and value of the depreciable assets and maintenance of Reserves in business entities
CO5	Design an accounting system for different models of businesses at his own using the principles of existing accounting system

Course Code: BCO2S-2K

Course Name: Business Economics

Upon completion of this course, the student will be able to:	
CO1	Describe the nature of economics in dealing with the issues of scarcity of resources
CO2	Analyze supply and demand analysis and its impact on consumer behavior.
CO3	Evaluate the factors, such as production and costs affecting firms' behavior
CO4	Use economic analysis to evaluate controversial issues and policies.
CO5	Apply economic models for managerial problems, identify their relationships, and formulate the decision-making tools to be applied for business.

Course Code: BCO2S-3K

Course Name: Banking Theory and Practice

Upon completion of this course, the student will be able to:	
CO1	Understand the basic concepts of banks and functions of commercial banks.
CO2	Demonstrate an awareness of law and practice in a banking context.
CO3	Engage in critical analysis of the practice of banking law
CO4	Organize information as it relates to the regulation of banking products and services
CO5	Critically examine the current scenario of Indian Banking system.

Course Code: BCO3S-1K

Course Name: Advanced Accounting

Upon completion of this course, the student will be able to:	
CO1	Understand the concept of Non-profit organizations and its accounting process
CO2	Comprehend the concept of single-entry system and preparation of statement of affairs
CO3	Familiarize with the legal formalities at the time of dissolution of the firm
CO4	Prepare financial statements for partnership firm on dissolution of the firm.
CO5	Employ critical thinking skills to understand the difference between the dissolution of the firm and dissolution of partnership

Course Code: BCO3S-2K

Course Name: Business Statistics

Upon completion of this course, the student will be able to:	
CO1	Understand the importance of Statistics in real life
CO2	Formulate complete, concise, and correct mathematical proofs.
CO3	Frame problems using multiple mathematical and statistical tools, measuring relationships by using standard techniques
CO4	Build and assess data-based models
CO5	Learn and apply the statistical tools in day life.

Course Code: BCO3S-3K

Course Name: Marketing

Upon completion of this course, the student will be able to:	
CO1	Develop an idea about marketing and marketing environment
CO2	Understand the consumer behavior and market segmentation process
CO3	Comprehend the product life cycle and product line decisions.
CO4	Know the process of packaging and labeling to attract the customers.
CO5	Formulate new marketing strategies for a specific new product.

Course Code: BCO4S-1K

Course Name: Corporate Accounting

Upon completion of this course, the student will be able to:	
CO1	Understand the Accounting treatment of Share Capital and aware of process of book building
CO2	Demonstrate the procedure for issue of bonus shares and buyback of shares.
CO3	Comprehend the important provisions of Companies Act, 2013 and prepare final accounts of a company with Adjustments.
CO4	Participate in the preparation of consolidated accounts for a corporate group
CO5	Understand analysis of complex issues, formulation of well-reasoned arguments and reaching better conclusions.

Course Code: BCO4S-2K

Course Name: Cost and Management Accounting

Upon completion of this course, the student will be able to:	
CO1	Understand various costing methods and management techniques
CO2	Apply Cost and Management accounting methods for both manufacturing and service industry
CO3	Prepare cost sheet, quotations, and tenders to organization for different works...
CO4	Analyze cost-volume-profit techniques to determine optimal managerial decisions
CO5	Compare and contrast the financial statements of firms and interpret the results.

Course Code: BCO4S-3K
Course Name: Income Tax

Upon completion of this course, the student will be able to:	
CO1	Acquire the complete knowledge of the tax evasion, tax avoidance and tax planning
CO2	Understand the provisions and compute income tax for various sources.
CO3	Grasp amendments made from time to time in Finance Act.
CO4	Compute total income and define tax complicacies and structure.
CO5	Prepare and File IT returns of individual at his own. Compare and contrast the financial statements of firms and interpret the results.

Course Code: BCO4S-4K Course
Name: Business Law

Upon completion of this course, the student will be able to:	
CO1	Understand the legal environment of business and laws of business.
CO2	Highlight the security aspects in the present cyber-crime scenario.
CO3	Apply basic legal knowledge to business transactions
CO4	Understand the various provisions of Company Law
CO5	Engage critical thinking to predict outcomes and recommend appropriate action on issues relating to business associations and legal issues...
CO6	Integrate concept of business law with foreign trade.

Course Code: BCO4S-5K
Course Name: Auditing

Upon completion of this course, the student will be able to:	
CO1	Understanding the meaning and necessity of audit in modern era
CO2	Comprehend the role of auditor in avoiding the corporate frauds.
CO3	Identify the steps involved in performing audit process
CO4	Determine the appropriate audit report for a given audit situation
CO5	Apply auditing practices to different types of business entities.
CO6	Plan an audit by considering concepts of evidence, risk and materiality

Course Code: BCO4S-6K

Course Name: Goods and Service Taxes

Upon completion of this course, the student will be able to:	
CO1	Understand the basic principles underlying the Indirect Taxation Statutes.
CO2	Examine the method of tax credit. Input and Output Tax credit and CrossUtilization of Input Tax Credit.
CO3	Identify and analyze the procedural aspects under different applicable statutesrelated to GST.
CO4	Compute the assessable value of transactions related to goods and services forlevy and determination of duty liability
CO5	Develop various GST Returns and reports for business transactions in Tally

Course Code: BCO6S-18A

Course Name: MANAGEMENT ACCOUNTING AND PRACTICE

Upon completion of this course, the student will be able to:	
CO1	Understand the nature and scope of management accounting and differentiate management accounting, financial accounting and cost accounting.
CO2	Compute ratios and draw inferences
CO3	Analyze the performance of the organization by preparing funds flow statement and cash flow statements
CO4	Prepare cash budget, fixed budget and flexible budget

Course Code: BCO6S-19A

Course Name: COST CONTROL TECHNIQUES

Upon completion of this course, the student will be able to:	
CO1	Differentiate cost control, cost reduction concepts and identify effectivetechniques
CO2	Allocate overheads on the basis of Activity Based Costing
CO3	Evaluate techniques of cost audit and rules for cost record
CO4	Appraise the application of marginal costing techniques to evaluateperformances, fix selling price, make or buy decisions

Course Code: BCO6S-20B

Course Name: . LIFE INSURANCE WITH PRACTICE

Upon completion of this course, the student will be able to:	
CO1	Understand the Features of Life Insurance, schemes and policies and insurance companies in India
CO2	Analyze various schemes and policies related to Life Insurance sector
CO3	Choose suitable insurance policy for given situation and respective persons
CO4	Acquire Insurance Agency skills and other administrative skills
CO5	Acquire skill of settlement of claims under various circumstances

Course Code: BCO6S-21B

Course Name: . GENERAL INSURANCE PROCEDURE AND PRACTICE

Upon completion of this course, the student will be able to:	
CO1	Understand the Features of General Insurance and Insurance Companies in India
CO2	Analyze various schemes and policies related to General Insurance sector
CO3	Choose suitable insurance policy under Health, Fire, Motor, and Marine Insurances
CO4	Acquire General Insurance Agency skills and administrative skills
CO5	Apply skill for settlement of claims under various circumstances

Course Code: BCO6S-16C

Course Name: DIGITAL MARKETING

Upon completion of this course, the student will be able to:	
CO1	Analyze online Micro and Macro Environment
CO2	Design and create website
CO3	Discuss search engine marketing
CO4	Create blogs, videos, and share

Course Code: BCO6S-17C

Course Name: Service Marketing

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

CO1	Discuss the reasons for growth of service sector
CO2	Examine the marketing strategies of Banking Services, insurance and education services
CO3	Review conflict handling and customer Responses in services marketing
CO4	Describe segmentation strategies in service marketing
CO5	Suggest measures to improve services quality and their service delivery




PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR