

Govt. Degree College, Narsipatnam
Anakapalli-531116

B.A - HISTORY, ECONOMICS & POLITICAL SCIENCE (H.E.P)
PROGRAMME SPECIFIC OUTCOMES(PSO)

PSO-1: How the consumers and producers will take rational decisions in the context of unlimited needs and availability of scarce resources.

PSO-2: How the economy at the aggregate level works, what are the determinants of national income, prices, demand for and supply of money, poverty, and unemployment in an economy.

PSO-3: He/she understands of the process of economic growth, economic development, and sustainable growth in the context of existence of trade-off between rapid economic growth and environmental sustainability in the long run.

PSO-4: He/she will be able to apply the determinants of economic growth and development to the economies of India and Andhra Pradesh and appraise the fiscal, monetary and other socio-economic policies being pursued in India and Andhra Pradesh.

PSO-5: He/she will get a basic understanding of Statistical Methods with a view to applying them to economics and real life situations.

PSO-6: This course has high potential which enables a student to mould according to the career path/higher studies options at Indian Council for Historical Research, New Delhi, India/National Archives/Good Governance/Centre for Gender Studies and Development.

B.Com - GENERAL
PROGRAMME SPECIFIC OUTCOMES(PSO)

PSO-1: To understand the nature, scope and concepts of Accounting, Business Operations and Management.

PSO-2: To analyze the relationship between Accounting, Auditing and Taxation.

PSO-3: To understand the application of Corporate Accounting Principles and Practices in real time business situations.

PSO-4: To equip the students with leadership skills and knowledge in computing skills.

PSO-5: To enable the students to understand the legal environment and its effect on business, industry, commerce and management.

PSO-6: There is wide scope for these graduates in the form of Financial Analysts, Human Resource Managers, Marketing Executive, Tax Analysts, Business Analysts, etc.

B.Com – COMPUTER APPLICATIONS PROGRAMME SPECIFIC OUTCOMES(PSO)

PSO-1: To understand the nature, scope and concepts of Accounting, Business Operations and Management.

PSO-2: To enable the students to understand the concepts of computer software and its applications in business operations.

PSO -3: To equip the students with business analytics and e-commerce skills.

PSO- 4: To develop the students with communication, leadership and entrepreneurial skills.

PSO-5: To make them learn the latest technologies and their application in modern business operations.

PSO-6: There is wide scope for these graduates in the form of Financial Analysts, Human Resource Managers, Marketing Executive, Tax Analysts, Business Analysts, etc.

PSO-7: The Courses like Information Technology, Computerized Accounting, Web Technologies, Fundamentals of C language and Object-Oriented Program with C++ will enable the students to meet the requirements of technical competencies

B.Sc - MAHEMATICS, PHYSICS & CHEMISTRY (M.P.C) PROGRAMME SPECIFIC OUTCOMES(PSO)

PSO 1: Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way.

PSO 2: Analyze the concepts of mathematics, physics and chemistry and understand the relation among them like physical chemistry, mathematical modeling of physics and chemistry problems.

Skills needed to handle instruments and adopt lab procedures to study physical chemical properties of materials.

PSO 3: Mathematical, numerical techniques required to model them.

PSO 4: Ability to interlink the skills and knowledge in mathematics, physics and chemistry and develop an aptitude to address the problems in biophysics, stock market analysis.

PSO 5: The combination integrating all Basic Science courses lays a strong foundation and prepares the learner for Post Graduation research in respective disciplines.

B.Sc - MAHEMATICS, PHYSICS & COMPUTER SCIENCE (M.P.Cs) PROGRAMME SPECIFIC OUTCOMES(PSO)

PSO 1: Understand the concepts of vector spaces, group theory, quantum mechanics, optical, thermal, electrical and mechanical properties of a materials, probability, algorithm design, database design.

PSO 2: Analyze the concepts of mathematics, physics and computer science that able to relate them in numerical programming models of physical systems.

PSO 3: Acquire the skills to study the properties of materials, implementation of numerical algorithms by using various mathematical and technological tools.

PSO 4: Master a broad set of knowledge concerning the fundamentals in the basic areas of Physics and Mathematics added with the necessary hands-on experience in various practical aspects of problem solving/programming/experimentation.

PSO 5: Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile application development.

PSO 6: The program imparts students with an understanding of the basics of Computer Science, to develop proficiency in the practice of computing algorithms, and to prepare them for continued professional development.

**B.Sc - CHEMISTRY, BOTANY & ZOOLOGY (C.B.Z)
PROGRAMME SPECIFIC OUTCOMES(PSO)**

PSO 1: Master fundamental skills to function effectively as professionals and continue learning within the field of Biology.

PSO 2: To understand the principles of origin of life and its evolutionary trends, Microbial diversity, chemical theory related to origin of life.

PSO 3: Provides an understanding of an exploration of how animals have evolved, how they function, and the ways in which they interact with their environment.

PSO 4: To analysis the taxonomic range of various life forms as per their external characters and internal chemical constitutions.

PSO 5: The knowledge about of ecological and phyto-geographical studies related in environmental bio-diversity with biotic and a biotic factors.

PSO 6: An awareness of the impact of chemistry on the environment, society, appraise role of green chemistry in environment sustainability.

**B.Sc - CHEMISTRY, BOTANY & BIO.-TECNOLOGY (C.B.BT)
PROGRAMME SPECIFIC OUTCOMES(PSO)**

PSO 1: The integrated use of Chemistry, Botany and Biotechnology to achieve the technological application of scientific and engineering principles for processing of materials by biological agents to provide goods and service for the welfare of the mankind.

PSO 2: The program caters the needs of providing food for growing population, designing advanced medical treatment options for increasing - evolving diseases, to find solution to deteriorating environment caused due to over exploitation or misuse of natural resources.

PSO 3: In this program the study of botany offers the understanding about origin of life and the scope to manipulate the knowledge for better society through catering to the needs and growing demands of food and clothing to population.

PSO 4: The program explores the knowledge about the subject chemistry comes in to play when structures of bio-molecules and their interactive relations to the environment are to be understood.

PSO 5: Finally the subject Bio-Technology amalgamates the various disciplines of sciences and offers ethically acceptable knowledge to bring about sustainable solutions for a variety of problems related to Agriculture, Environment, Quality and surviving of human life.

GDC, Narsipatnam