

B.Sc – Mathematics, Physics, Chemistry (MPC)

PSO 1 : To make the students knowledgeable in mathematical concepts of differential equations, abstract algebra, differential and integral calculus, Vector calculus and numerical methods with applications in the areas Physical Sciences, Chemical Sciences and Statistics.

PSO 2 : To understand the theoretical concepts of mechanics, waves & oscillations, heat and thermodynamics, optics, Electricity and magnetism and modern physics from Physical Sciences and concepts of Physical Chemistry, Organic chemistry and In-organic chemistry from chemical sciences.

PSO 3 : To learn the Practical skills needed in handling the instruments using lab procedures and to study the physical and chemical properties and characteristics of materials.

PSO 4 : To apply the skills and knowledge gained in mathematics and chemical sciences in conducting water analysis.

B.Sc. Mathematics, Physics, Computer science(MPCs)

PSO 1: Know and demonstrate understanding of the concepts from different branches of Mathematics (Calculus, Solid Geometrics, Abstract algebra, Linear Algebra, Fluid Mechanics, Number theory, Integral Transformations)

PSO 2: Use appropriate mathematical concepts and skills to solve problems in both familiar and unfamiliar situations including those in real life context and in completely world in getting jobs

PSO 3: Develop the knowledge, skills and attitudes necessary to pursue further studies in Mathematics and research in Mathematics

PSO 4: Demonstrate an understanding of principles and theories of Physics. These including the following : Newtonian mechanics, Thermodynamics, Electromagnetism, optics Special and general theories of relativity, quantum mechanics, atomic Physics, Molecular Physics, nuclear and elementary particle physics, solid state physics and renewable energy management.

PSO 5: Students will show that they have learned laboratory skills, enabling them to take measurements in a physics laboratory and analyze the measurements to draw valid conclusions.

PSO 6: Students will be capable of oral and written scientific communication, and will prove that they can think critically and work independently

PSO 7: Identify and solve significant problems across a broad range of application areas

PSO 8: Receive comprehensive understanding of programming concepts and to understand software development as a part of Computer Science

PSO 9: Demonstrate proficiency in problem-solving techniques using the computer

PSO 10: Demonstrate life-long learning skills and adapt to emerging markets and technologies.

B.Sc-Botany, Zoology, Chemistry(B.Z.C)

PSO 1 : To understand principles of origin of life and its evolutionary trends, Microbial diversity, chemical theory related to origin of life

PSO 2 : To analyze the taxonomic range of various life forms as per their external characters and internal chemical constitutions (chemo taxonomy)

PSO 3 : To gain the knowledge about ecological and phyto geographical studies related in environmental biodiversity with biotic factors

PSO 4 : To develop skills to study the principles of tissue culture techniques in

biology leads to various diversity of life forms (hybrids) by using the chemically synthesised growth hormones.

PSO 5 : Ability to design the evolution of drugs form the biological sources and its applications without any side effects in nature.

B.COM (Computer Applications)

PSO 1 : To Gain in depth knowledge in the concepts

- Principles of accountings
- Business organization and management
- Principles of Cost and Management Accountancy
- Principles of Auditing

PSO 2 : To become familiar with the computer software such as MS Office, VB, Tally , HTML,DBMS, Adobe Photoshop used in the business operations and applications.

PSO 3 : To enhance the skills of the students in the areas of leadership and entrepreneurship.

PSO 4 : To make the students well versed with the latest business technologies and e-commerce.

B.A –History, Economics, Political Science (H.E.P)

PSO 1 : To Understand the basic concepts of National Income, Poverty, Employment ,International trade ,Fiscal and the monetary policies, Economic conditions of various historic periods, Satavahana’ s Foreign trade, numismatics ,agriculture economy from ancient period to modern times and their role in administration for formulating relevant policies for effective utilization of resources and managing various problems like unemployment and improved standard of living.

PSO 2 : To analyse the economic importance of various sectors like agriculture, industry and service sector different dynasties that influence administration like Chola administration (local self Government) Mauryan administration and (Urban governance) and British administration.

PSO 3 : To understand the impact of agriculture and foreign trade in economic development that attract foreign invaders towards India, resulting in changed administration in due course up-to and after independence.

PSO 4 : To provide life skills required for securing employment by using domain knowledge in Economy systems, Historians/History writing and polity at various levels.

