

Program Outcomes of Zoology

POS 1: Provide students with the opportunity to study animal life in all its diversity, at scales that range from the sub cellular to that of the ecosystem.

POS 2: Understand the nature and basic concepts of cell biology, biochemistry, Taxonomy and Ecology.

POS 3: Emphasizes a mix of laboratory expertise, practical field skills and traditional as well as modern taxonomy.

POS 4: Understand the applications of biological sciences in Apiculture, Sericulture, Aquaculture and Agriculture.

POS 2: To provide the students with a suitable foundation for careers in for example research, teaching, the biological control of pests or the conservation of endangered species in the wild.

Programme Specific Outcome for BA English Language and Literature

PSO 1- to analyse and appreciate literature

PSO 2- to understand the various genres of poetry, prose, fiction and drama.

PSO 3- to assess literature, life and culture.

PSO 4- to become sensitized to the aesthetic, cultural and social aspects of literature.

PSO 5- to equip the students with a thorough knowledge of the various aspects of the English language and literature.

PROGRAMME SPECIFIC OUTCOME B.A ECONOMICS

- **PSO 1:** Understand the basic concepts of micro and macroeconomics. Application of micro economic tools to analyse macroeconomic phenomenon like inflation, unemployment.
- **PSO 2:** Study economic concepts and variables with the help of mathematical and statistical tools. Use statistical methods like index numbers, regression, correlation, probability and differential calculus to study various economic theories.
- **PSO 3** Analyse the role of money in Indian Economy and understand the innovative functions of commercial banks, central bank and other financial institutions.
- **PSO 4** Understand the theoretical framework for growth and development discourses under different schools of economic thought.
- **PSO 5** Analyse the emerging trends issues and policies in the field of international economic system and study India's Balance of Payment situation.

Programme Specific Outcome for P. G English

PSO 1- to identify and explain the formal and literary features of each genre and text, and how they contribute to the complexity of values and emotions represented in the texts.

PSO 2- to display an awareness of the major historical events and the socio-cultural context which shaped the various periods and literature.

PSO 3- to relate the texts selected for study to the genres/subgenres they belong to and identify and explain their formal /stylistic /literary features.

PSO 4- to explain and analyse the similarities and differences between different types of novels, drama, poetry and fiction of various ages.

PSO 5- to display an awareness of the contributions of poets, novelists, prose writers and dramatists of various ages.

Program Specific out comes First degree programme in Mathematics

Upon completion of the B.Sc Mathematics programme students will be able to

PSO1 Create a hypothesis and appreciate how it relates to broader theories.

PSO2 Evaluate hypotheses, theories, methods and evidence within their proper contexts.

PSO3 Solve complex problems by critical understanding, analysis and synthesis.

PSO4 Demonstrate engagement with current research and developments in the subject.

PSO5 Critically interprets data, write reports and apply the basics of rules of evidence.

PSO5 Select interpret and critically evaluate information from a range of sources that include books, scientific reports, journals, case studies and the internet.

PSO6 Develop proficiency in the analysis of complex physical problems and the use of mathematical or other appropriate techniques to solve them.

PSO7 Demonstrate a range of appropriate general skills including IT competency.

PSO8 Function on multidisciplinary teams by working cooperatively, creatively and responsibly as a member of a team.

PSO9 Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.

PSO10 Recognize the need to engage in lifelong learning through continuing education and research.

Program Specific out comes in Physics

PSO 1. Understand the concepts of different branches of Physics such as Mechanics, Thermodynamics, Optics, Electrodynamics, Electronics, Spectroscopy, Nanotechnology etc.

PSO 2. Understand how the Physics concepts being used in modern technology and the theory behind it.

PSO3. Understand the Mathematical concepts needed for a proper understanding of Physics.

PSO4. Performing laboratory experiments and short projects related to the theory papers.

Department Of Commerce

Programme Specific Outcome-Bcom

PO1 To enable students to gain knowledge in preparing financial statements in accordance with GAAP (Generally Accepted Accounting Principles)

PO2 To employ critical thinking skills to analyse financial data as well as the effect of differing financial accounting methods on the financial statements.

PO3 To equip the students with the fundamental statistical concepts and their basic application in science and society and how to organise, manage and present data for appropriate statistical analysis.

PO4 To enable the students to apply the basic theories of economics in critical thinking and problem solving.

Program Specific course outcome Botany

PSO1 : To understand the nature and basic concepts of Cytology, Biotechnology, Systematic Botany , Environmental biology and Phytogeography.

PSO2 : To get an awareness regarding the natural resources and environment.

PSO3 : Understand the role of Botany in social issues such as the environmental protection, biodiversity, conservation of natural resources, human health and diseases.

PSO4: Understand the applications of biotechnological principles in micro propagation, germplasm conservation, agriculture and medicine.

Department of Chemistry

Programme Specific Outcomes

- PSO1 Understand the basic areas of the discipline (organic, inorganic, analytical, physical and biological chemistry) in-depth.
- PSO2 Identify the problems, formulate strategies for solving the problem, apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret their results.
- PSO3 Use computers in data acquisition and processing and use available software as a tool in data analysis.
- PSO4 Understand the preparation of organic compounds, reaction mechanisms involved and applications of organic spectroscopy in detail.
- PSO5 Understand the objective of chemical experiments, follow the proper procedures including safe handling and use of chemicals and carry out the experiments and appropriately record and analyze the results.

PSOs of BA MALAYALAM

PSO1 മലയാളഭാഷാ, സാഹിത്യം, സംസ്കാരം എന്നിവയെപ്പറ്റിയുള്ള സമഗ്രമായ അറിവു നൽകുന്നു.

PSO2 മലയാളഭാഷയുടെ വിവിധ വ്യവഹാരമേഖലകൾ, സന്ദർഭങ്ങൾ എന്നിവ പരിചയപ്പെട്ട് പ്രായോഗിക അറിവു നേടുന്നു.

PSO3 സർഗ്ഗാത്മകത, ഭാഷാവബോധം, ഭരണഭാഷാമലയാളം, സാങ്കേതിക പദാവലികൾ എന്നിവ മനസ്സിലാക്കുന്നു.

PSO4 മാതൃഭാഷ ശരിയായി ഉച്ചരിക്കുന്നതിനും എഴുതുന്നതിനും സാമ്പത്തികമായി പ്രയോജിക്കുന്നതിനുമുള്ള കഴിവു നേടുന്നു .

PSO5 മലയാളവും മറ്റുഭാഷകളുമായുള്ള താരതമ്യം, വിവർത്തനം , തർജ്ജമ എന്നിവയെക്കുറിച്ച് അറിവു നൽകുന്നു.