

## **B.A. Economics Program Specific Outcomes**

**PSO 1:** Understand the basic concepts like National Income, Poverty, Employment, International trade, Fiscal and Monetary policies

**PSO 2:** To analyse the economic importance of various sectors like agriculture, industry and service sector

**PSO 3:** Acquaint with some basic statistical methods to be applied in Economics.

**PSO 4:** Acquaint with some basic mathematical methods to be applied in Economics.

**PSO 5:** To understand the impact of agriculture and foreign trade on economic development

**PSO 6:** Acquaint with some basic concept of Environmental Economics along with the solution of the environmental problems

**PSO 7:** Acquaint with some basic theoretical concept of public finance

**PSO 8:** Learn the development issues of Indian Economy

**PSO 9:** Learn the basic concept of monetary analysis and financial marketing in Indian financial markets.

**PSO 10:** To provide life skills required for gaining employment by using domain knowledge such as Economics.

## **B. Com.** **Program Specific Outcomes**

**PSO – 1:** Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a computerized set of accounting books

**PSO – 2:** Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.

**PSO – 3:** Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

**PSO – 4:** Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

**PSO – 5:** Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing.

**PSO – 6:** Learners will be able to recognize features and roles of businessmen, entrepreneur, managers, consultant, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.

**PSO–7:** Learners will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA and the other.

**PSO – 8:** Learners will acquire the skills like effective communication, decision making, problem solving in day-to-day business affairs.

**PSO – 9:** Learners will involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.

**PSO – 10:** Learners can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

**PSO -11:** Learners will be able to do higher education and advance research in the field of commerce and finance.

## **B.Sc. Botany**

### **Program Specific Outcomes**

**PSO 1:** Students acquire fundamental Botanical knowledge through theory, practicals and observation of surrounding environment.

**PSO 2:** Understand the morphology and reproduction of non-flowering plants (Algae, Fungi, Bryophytes and Pteridophytes including bacteria and viruses) and flowering plants (Gymnosperms & Angiosperms), also identify them in the field and herbarium.

**PSO 3:** To create awareness about cultivation, conservation and sustainable utilization of the plant biodiversity.

**PSO 4:** Understand the basic concepts of Developmental Botany, Angiosperm Taxonomy, Anatomy, Physiology, Ecology and Ethnobotany.

**PSO 5:** Students able to start nursery, mushroom cultivation, biofertilizer production, organic farming and horticultural practices. Also acquire skills in Greenhouse technology, Tissue culture and Plant Breeding through value-added courses.

**PSO 6:** Students are also familiarized with the use of Biostatistics and Computer applications for analysis of biological data.

**PSO 7:** Perform the laboratory techniques in anatomy, cytology, physiology, tissue culture, biochemistry, biotechnology, molecular biology, apply in research and industry level.

**PSO 8:** Understand contribution of Botany in increase and improve supply of medicines, food, fibres and other economical plant products.

**PSO 9:** Create platform for higher studies, research attitude in Botany and facilitate students to take-up successful career in Botany for their employment.

## **B. Sc. Chemistry**

### **Program Specific Outcomes**

**PSO-1:** Gain strong foundation in theoretical principals in different areas of Chemistry such as Analytical Chemistry, Environmental Chemistry, Inorganic Chemistry, Physical Chemistry and Organic Chemistry.

**PSO-2:** Learn problem solving approach and skills in Physical Chemistry and Analytical Chemistry.

**PSO-3:** Develop Skills in the Practicals & also to analyse the results in the different areas of Chemistry.

**PSO-4:** Gain sound knowledge in the case studies of the analysis of drug samples and also the analysis of different parameters of Water and Air.

**PSO-5:** Gain hands on experience on the safe handling of Chemicals, reagents and Sophisticated Equipment.

**PSO-6:** Understands Nomenclature, reactions, Mechanisms of various reactions of different functional groups in Organic Chemistry and develops skills to apply to different synthetic methodologies.

## **B. Sc. Computer Science Program Specific Outcomes**

**PSO-1:** Ability to apply the theoretical knowledge of Mathematics, Computer software and hardware into practice.

**PSO-2:** To develop skillset in areas such as Digital logics and computer architecture, Algorithms, Programming, Networking, Software Engineering, Information Security, Web Designing, Micro-processors and micro-controllers.

**PSO-3:** To develop problem solving skills related to the computer programs.

**PSO-4:** To demonstrate the capabilities required to apply cross-functional business knowledge and technologies in solving real-world problems.

**PSO-5:** To build the necessary skill set and analytical abilities for developing computer-based solutions for real life problems.

**PSO-6:** It provides an opportunity to prepare for the competitive examination and also getting admission to Higher Education.

**PSO-7:** To train students in professional skills related to Software Industry like programmer, system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.

**PSO-8:** Ability to work in public sector undertaking and Government organizations.

## **B. Sc. Mathematics Program Specific Outcomes**

**PSO 1:** To employ critical thinking.

**PSO 2:** Formulate and develop mathematical arguments in a logical manner.

**PSO 3:** Familiarize the students with suitable tools of mathematical analysis to handle issues and problems in mathematics and related sciences.

**PSO 4:** Acquire good knowledge and understanding to solve specific theoretical and applied problems in advanced areas of mathematics and statistics.

**PSO 5:** Provide students/learners sufficient knowledge and skills enabling them to undertake further studies in mathematics and its allied areas on multiple disciplines concerned with mathematics.

**PSO6:** Understand, formulate and use quantitative models arising in social science, business and other contexts

**PSO 7:** Students will be aware of and able to develop solution-oriented approach towards various Social and Environmental issues.

## **B. Sc. Physics**

### **Program Specific Outcomes**

**PSO 1:** Understand and analyse the basic Concepts of Physics Subjects

**PSO 2:** To find the Applications of the different Concepts and develop a Scientific temper

**PSO 3:** To gain practical experience by performing experiments, observation and interpreting the results.

**PSO 4:** To encourage the students to go for further studies and do research.

**PSO5:** Create an awareness of the impact of Physics on the society, and development outside the scientific community

**PSO 6:** To provide skills set required for employment and adoption to various technologies and work culture.

## **B. Sc. Zoology Program Specific Outcomes**

**PSO 1:** To acquire knowledge in different areas of animal science, and understand the importance of animals in the biosphere.

**PSO 2:** To provide an opportunity to familiarize with the functional anatomy and mode of reproduction in different animal groups.

**PSO 3:** To enable the students to develop technical skills in Zoological and allied branches.

**PSO 4:** Skill based subjects like Verm technology, Clinical Laboratory Technology, Apiculture and Aquatic Biology included to promote their Skill and Provide employable opportunities in the field of higher studies and research in Government and Private Organizations.

**PSO 5:** Create an awareness of the impact of Zoology on the environment, society, and development outside the scientific community.



## **M.A. Economics Program Specific Outcomes**

**PSO 1:** The behavioural patterns of different economic agents, advance theoretical issues and their applications.

**PSO 2:** Understand the basic concept of microeconomics.

**PSO 3:** Acquaint with some basic statistical methods to be applied in economics.

**PSO 4:** Acquaint with some basic mathematical methods to be applied in economics.

**PSO 5:** Acquaint with some basic theoretical concept of public finance.

**PSO 6:** Acquaint with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives.

**PSO 7:** Delineate the fiscal policies designed for developed and developing economics.

**PSO 8:** Facilitate the historical developments in the economic thoughts propounded by different schools.

**PSO 9:** Learn the basic concept of monetary analysis and financial marketing in Indian financial markets.

**PSO 10:** Learn the development issues of Indian economy.

**PSO 11:** Acquaint with basic concepts of Research Methodology

**PSO 12:** Learn the real and monetary sides of International Economics.

## **M. Com.** **Program Specific Outcomes**

**PSO – 1:** To inculcate the knowledge of business and the techniques of managing the business with special focus on marketing, Insurance and banking theory law and practices and to develop an ability to apply knowledge acquired in problem solving.

**PSO – 2:** Ability to work in teams with enhanced interpersonal skills and communication.

**PSO – 3:** To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce which enable the students to work in different domains like Accounting, Taxation, HRM, Banking and Administration.

**PSO – 4:** Ability to start their own business.

**PSO – 5:** Ability to work in MNCs as well as Private and Public companies.

**PSO – 6:** To develop team work, leadership and managerial and administrative skills. Students can go further for professional courses like CA/ CS/CMA/CFA.

**PSO – 7:** To enhance the computer literacy and its applicability in business through latest version on tally and e-commerce principles.

**PSO – 8:** To create awareness in Application Oriented Research through research for business decisions.

**PSO – 9:** To develop the decision-making skill through Costing Methods and practical application of Management Accounting Principles.

**PSO – 10:** To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.

**PSO – 11:** To enable a student well versed in national as well as international trends.

## M. Sc Chemistry Program Specific Outcomes

**PSO – 1:** Apply advanced concepts of Organic, Analytical, Physical and Inorganic Chemistry to solve complex problems to improve human life.

**PSO – 2:** Design experiments, analyse, synthesize and interpret data to provide solutions to different industrial problems by working in the pure, inter and multi-disciplinary sciences.

**PSO– 3:** Able to independently carry out research/ investigation to solve practical problems and write / present a substantial technical report/document.

**PSO – 4:** Apply knowledge to build up small scale industry for developing endogenous product

**PSO – 5:** Apply various aspects of chemistry in natural product isolations, pharmaceutical, dyes, textiles, polymers, petroleum products, forensic etc., and also to develop interdisciplinary approach of the subject.

## **M. Sc Zoology Program Specific Outcomes**

**PSO – 1:** To understand the value of animal diversity and its relevance to the environment.

**PSO – 2:** To develop practical and problem - solving skills in students and encourage them to carry out innovative research to address societal needs.

**PSO– 3:** To equip students to perform a level of higher competence in national and international organizations and competitive examinations.

**PSO – 4:** To acquire communication skill, interpersonal skill, technical skill, teamwork skill through an internship programme.

**PSO – 5:** To acquire communication skill, interpersonal skill, technical skill, teamwork skill through an internship programme.

**PSO – 6:** To inculcate entrepreneurial skill with special attention on aquaculture, value addition of marine food and apiculture etc.