

## 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 gainful 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 other courses.

**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:** Gains strong foundation in theoretical principals in the different areas of Chemistry such as Analytical Chemistry, Environmental Chemistry Inorganic Chemistry, Physical Chemistry and Organic Chemistry.

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

**PSO-3:** Develops Skills in the Practical & also to analyse the results In the different areas of Chemistry.

**PSO-4:** Gains 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:** Gains 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:** It provides an ability to apply knowledge of Mathematics, Computer software and hardware in practice. It enhances not only comprehensive understanding of the theory but practical also.

**PSO-2:** The program prepares the young professionals in wide range of areas such as Digital logics and computer architecture, Algorithms, Programming, Networking, Software Engineering, Information Security, Web Designing, Micro-processors and micro-controllers.

**PSO-3:** In order to enhance programming skills of the young IT professionals, the program has introduced the ability to identify a problem, isolate its key components, analyze and assess the salient issues, set appropriate criteria for decision making, and draw appropriate conclusions and implications for proposed solutions.

**PSO-4:** The program equips to demonstrate the capabilities required to apply cross-functional business knowledge and technologies in solving real-world problems and to demonstrate use of appropriate techniques to effectively manage business challenges.

**PSO-5:** curriculum is divided based on various streams specialization that is needed in the IT Domain. Hence a student can specialize himself/herself in a particular stream.

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

**PSO-7:** Become employable in various IT companies as 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:** Think in a critical manner.

**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 Provide the Sufficient Knowledge and to Gain an Expertise in Contemporary areas of Physics, which encourages and motivates the student to take up a carrier in Physics and go for Post-Graduation and further motivates to choose Research as Carrier.

**PSO 5:** 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:** Provides an opportunity to familiarize with the functional anatomy and mode of reproduction in different animal groups. The topics included in different units of respective paper would enable the students to develop technical skills in Zoological and allied branches.

**PSO 3:** Skill based subjects like Vermitechnology, Clinical Laboratory Technology, Apiculture and Aquatic Biology included in order to promote their Skill and Provide employable opportunities in the field of higher studies and research in Government and Private Organizations.

**PSO 4:** There is also scope for self-employment for the students. Practicals included in the syllabus will improve the skills of students in microscopy, observation, drawing and laboratory techniques.



## 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.