B.A.ENGLISH

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO1. Understand the role of English in the present contexts

PSO2. Knowaboutdifferentlanguageskillsthatenabletopracticallyuse English and appreciate literary texts

PSO3. Developliterarysensibilitiesandlinguisticcompetencethroughvarioustexts and situations

PSO4. Know human values and ethics that language and literary texts purport

PSO5. Identify career opportunities that study of English entails

B.A.HISTORY

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO– 1: To provide quality education and knowledge of History for budding history professionals to make them competent in the field of history and contribute for social development

PSO – 2: Students will be able to comprehensive understanding of History of India as well as the World for a comparative understanding and possible link between them.

PSO– 3: Students will be able to impart quality education in History for properly analyzing historical process in order to develop qualified professionals in the discipline of History.

PSO – 4: Students will inculcate a consciousness of the rich cultural heritage of India.

PSO – 5: Learners will gain knowledge, skills, attitude, ethics and values among the students

PSO–6: Learners will be able to promote zeal of historical enquiry among the future generation.

B.Sc. BOTANY

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO 1: Thallophytes (algae, fungi and lichens), and microbes (bacteria and viruses): their significance, ecology, general characteristics, classification and the diseases caused by certain pathogens

PSO2: Archegoniates (bryophytes, pteridophytes and gymnosperms): their significance, ecology, general characteristics, classification and to understand early land plants, fossils and the fossilization process

PSO3: The developmental mechanism in plants with reference to angiosperms including cellular ultra-structure, cell cycle, anatomy, secondary growth mechanism, reproductive mechanisms and development of the embryo

PSO4: The morphology of angiosperms which will help in identification and understanding their importance

PSO5: The importance of plants in the ecology and to understand the methods of identification, classification and nomenclature of angiosperms

PSO6: The herbal medicines: their uses, pharmacognosy, phytochemistry and the general formulation methods

PSO7: The basics of genetics: concept of heredity, linkage and crossing over, structure of genes and chromosomes, mutations and chromosomal aberrations, extra-chromosomal inheritance and applied genetics

PSO8: Physiology and Biochemistry of plants through plant-water relations, photosynthesis, translocation, plant-environment relation, macromolecule studies like carbohydrates, lipids and proteins

PSO9: Biofertilizers (bacterial, algal and fungal): their importance, methods of isolation, mass cultivation and the process of organic farming

PSO10: The application of statistics and computer in biology

PSO11: Intellectual property (IP) and the methods to protect IP through various rights (IPR): Patents, Copyrights, Trademarks, geographical indications, traditional knowledge, industrial designs, and protection related to plant varieties and biotechnology inventions

PSO12: Horticulture and plant breeding for gardening and crop improvement

PSO13: The basic techniques of biotechnology: plant tissue culture and genetic engineering for production of transgenic plants

PSO14: The basic techniques of plant tissue culture and its applications

PSO15: The importance of ethnobotany: methodologies employed for the study, role in modern medicine; and the role played by ethnic people and the measures to protect their knowledge

PSO16: The fundamentals of greenhouse technology, the methods of application of fertilizer, water and protection against diseases in the greenhouses and application of the technology

B.SC-CHEMISTRY

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

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 Practical's& 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-

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

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

PSO-2: To develop skill set 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-ZOOLOGY-

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

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.

B.COM

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

PSO 1 - apply different concepts in starting and managing business and realize the social responsibilities, social realities and inculcate an essential value system

PSO 2 - solve problems related to employer, employee, investors and consumers with legal protection

PSO 3 - prepare financial statements of business using accounting principles, concepts, conventions and provisions

PSO 4 - develop necessary professional knowledge and skills in finance and taxation

PSO 5 - implement traditional and modern strategies and practices of costing, banking, economics, marketing, management, auditing and taxation

PSO 6 - practice different techniques of communication and apply it in business and profession

PSO 7 - use mathematical and statistical tools in academics, business and research

PSO 8 - develop competency in students to make them employable in the global market

PSO 9 - develop the skills of students to equip themselves as successful entrepreneurs

B.SC-MATHEMATICS-

PROGRAMME SPECIFIC OUTCOMES (PSO'S)

PSO 1: Critical Thinking - Students will be able to apply critical thinking skills to analyze, evaluate, and synthesize mathematical concepts, enabling them to solve complex problems and make informed decisions

PSO 2: Logical Mathematical Argumentation - Students will develop the ability to construct and present coherent and logical mathematical arguments, supporting their solutions and conclusions with well-reasoned and rigorous mathematical proofs.

PSO 3: Mathematical Analysis Tools - Students will gain familiarity with various mathematical analysis tools and techniques, enabling them to tackle mathematical issues and problems in both theoretical and practical contexts

PSO 4: Advanced Problem Solving - Students will acquire a strong knowledge base and understanding of advanced areas of mathematics and statistics, enabling them to solve specific theoretical and applied problems effectively.

PSO 5: Readiness for Further Studies - Students will attain sufficient knowledge and skills to pursue further studies in mathematics and its allied disciplines, fostering a passion for continuous learning and research in the field

PSO 6: Quantitative Model Formulation - Students will understand, formulate, and utilize quantitative models relevant to social sciences, business, and other contexts, applying mathematical techniques to address real-world challenges

PSO 7: Solution-Oriented Approach to Social and Environmental Issues - Students will be aware of various social and environmental issues and develop a solution-oriented mindset, applying mathematical principles and techniques to propose viable solutions to these challenges.

HOME SCIENCE

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO 1: To enable the students to obtain knowledge of different food groups, their composition, nutrients present, appropriate cooking methods for nutrient conservation and their role in diet with respect to ingredients with longer

PSO 2: To enable the students to: Understand the structure and functions of various organs of the body, Obtain a better understanding of the principles of nutrition through theØ study of physiology Highlight the influence of improper functioning of the organ system and disease.

PSO 3: This course introduces the students to the elements of public administration which would help them to obtain suitable conceptual perspective on Public administration.

PSO 4: To enable the students to obtain knowledge of different food groups, their composition, nutrients present, appropriate cooking methods for nutrient conservation and their role in diet with respect to food ingredients with lesser shelf life and are perishable.

PSO 5: To enable students to: Understand the role of microbes in health and diseases. Study the microbes in relation to food spoilage, food-borne diseases and food preservation

PSO 6: Environmental Studies (EVS) at the primary stage envisages exposing students to the real situations in their surroundings to help them connect, be aware of, appreciate and be sensitized towards the prevailing environmental issues (natural, physical, social and cultural).

PSO 7: To enable the students to: Acquire knowledge on the clinical, biochemical changes and dietary management of various diseases. Gain knowledge in planning and preparation of Therapeutic diets. Manage to make appropriate dietary modification for various disease conditions, skills and attributes required to meet entry level competency required for a dietician