

DEPARTMENT OF BOTANY		
B.Sc.	<p>PO-1: Students get knowledge and understanding of plant diversity, its evaluation and role of plants.</p> <p>PO-2: Students will learn to carry out practical work, plant identification and also do analysis in vegetation and physiochemical using biostatistics.</p> <p>PO-3: Lifelong learning in the broadest context of</p>	<p>PSO-1: Understand the environment and basic concept of taxonomy, cell biology, genetics, ecology, Physiology and Medicinal Botany</p> <p>PSO-2: Determine economic & medicinal plant in agriculture and medicine.</p> <p>PSO-3: Analyse the relationship between plants and microbes.</p> <p>PSO-4: Understand the biology of diversity of seed plants or phanerogames.</p>
	<p>technological change.</p> <p>PO-4: Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity conservation practice</p>	<p>PSO-5: Understand the behaviors of fossils and gymnospermic plants.</p> <p>PSO-6: Understand the plant disease, chemical properties and evolutionary relationship among taxonomic groups.</p> <p>PSO-7: instrumentation in the syllabus helpful to understand different tools and techniques essential for viewing the microscopic structures, separation of compounds.</p> <p>PSO-8: Plant tissue culture and molecular biology topics in the syllabus will able to make students skilfull to perform the breeding procedures in plants.</p>
DEPARTMENT OF CHEMISTRY :		
B.Sc	<p>After completion of chemistry programme the students are expected to be familiar with</p> <p>PO-1: All the elements, their properties and applications.</p> <p>PO-2: Methods of extraction of metal from its ore.</p> <p>PO-2: Structure, bonding, properties and preparations of organic and inorganic compounds.</p> <p>PO-3: Nomenclature of inorganic complexes and</p>	<p>PSO-1: Students update their knowledge of chemistry as per the prescribed curriculum.</p> <p>PSO-2: They are exposed to new instrumental techniques in tuned with recent advances and sophistication of instrument.</p> <p>PSO-3: This achieved skill provides them good opportunities for industrial (Pharmaceuticals, Dyes, Heavy and Fine Chemicals, Polymers etc.) placement,</p> <p>PSO-4: The learners can turn out to be most potential academicians for future. They learn</p>

	<p>organic compounds.</p> <p>PO-4: Stereochemical aspects of organic compounds.</p> <p>PO-5: The methods, techniques, procedures and protocols that may be used in the course of given problem of analysis.</p> <p>PO-6: The study of kinetics of chemical reactions.</p> <p>PO-7: Ability to understand basic concept of thermodynamics.</p>	<p>leadership qualities and research updates via viva seminar, workshops and symposium.</p> <p>PSO-5: They can become good entrepreneur based on their chemistry knowledge. Base on their potential, they can become good corporate candidate and shape their future carrier</p>
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DEPARTMENT OF PHYSICS

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	<p>apparatus and analysis tools to acquire, analyze and interpret scientific data.</p> <p>PO-6: The ability to apply the principles of physics to solve new and unfamiliar problems.</p>	
DEPARTMENT OF ZOOLOGY		
B.Sc.	<p>PO-1: Students get knowledge of animal diversity, and its role in ecosystem.</p> <p>.</p> <p>PO-2: Students gained fundamental knowledge of animal physiology .</p> <p>PO-3: Students understood skill of execute the role of biology teachers and medical lab technician with training</p> <p>PO-4: Students understand the knowledge of genetics and evolution.</p>	<p>PSO-1: Students understood the knowledge of Animal science and interaction with environment and various living organisms</p> <p>PSO-2: Students understood complex evolutionary process and behaviour of an animal</p> <p>PSO-3: Students understood environmental conservation its importance biodiversity and protection of endangered species .</p> <p>PSO-4: Students understood agro based small scale industries like sericulture , apiculture fish farming, poultry, dairy and vermiculture</p> <p>PSO-5: Students understood area of taxonomy, physiology cell biology genetics clinical science tools and techniques</p> <p>PSO-6: Students understood animal biotechnology , immunology , toxicology and research methodology</p> <p>PSO-7: Students understood the application of biological science in medicine agriculture and allied fields of zoology</p> <p>PSO-8: Students understood various concept of genetics and its importance in human health</p>