

HANDIQUE GIRLS' COLLEGE
DEPARTMENT OF ZOOLOGY
Even Semester Courses Outcomes

SEMESTER	PAPER	OUTCOMES
FYUGP 2nd Sem	Code: ZOO-1021 Diversity Of Chordates	<p>Upon completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Understand different classes of chordates, level of organization and evolutionary relationship between different subphyla and classes, within and outside the phylum. 2. Study about diversity in animals making students understand about their distinguishing features. 3. Appreciate similarities and differences in life functions among various groups of animals in Phylum Chordata. 4. Comprehend the circulatory, nervous and skeletal system of chordates. 5. Know about the habit and habitat of chordates in marine, freshwater and terrestrial ecosystems.
FYUGP 4th Sem	Code: ZOO-2021 Animal Taxonomy, Systematics & Biostatistics	<p>Upon completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the general principles of taxonomy and systematics 2. Explain the importance of Zoological nomenclature and its rules 3. Understand the importance of systematics in biology and comprehend the taxonomic categories and explain the concept of species 4. Acquire basic knowledge of phylogeny and understand important terminologies to represent phylogenies
	Code: ZOO-2022 Animal Physiology & Endocrinology	<p>Upon completion of the course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the principles of normal biological function of the animal body. 2. Understand basic animal physiology and correlate it with the various histological structures. 3. Understand the homeostasis in animals in

		<p>response to changes in their external environment. 4. Perform practical related to animal physiology.</p>
	<p>Code: ZOO-2023 Principles Of Ecology & Evolution</p>	<p>After completion of the course, students will be able to learn about the:</p> <ol style="list-style-type: none"> 1. Understanding of key concepts in ecology with emphasis on historical perspective, role of physical factors and concept of limiting factors etc. 2. Figure out the population characteristics, population dynamics, growth models and interactions. 3. Recognize the community characteristics, ecosystem development and climax theories. 4. Know about the types of ecosystems, food chains, food webs, energy models, and ecological efficiencies. 5. Apply the basic principles of ecology in wildlife conservation and management. 6. Instill scientific quantitative skills, evaluate experimental design, read graphs, and analyse and use information available in scientific literature.
	<p>Code: ZOO-2025 Animal Behaviour & Chronobiology</p>	<p>After the completion of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Acquire a comprehensive understanding of the behaviour of animals and gain knowledge on profiles of behavioural biologists and their contributions to the field of animal behaviour. 2. Understand and analyse the causes and patterns of behaviour. 3. Understand the social nature of animals and communication among individuals of animal societies and utilise scientific methods of studying animal behaviour. 4. Understand basic terms and concepts of chronobiology and comprehend the significance of biological rhythms.