



Govt. Navin College Hasoud

Department of zoology



Course outcome of zoology after successful completion of three years

Program outcome :-

1. To nurture interest in the student for the subject of zoology.
2. To create awareness of the basic and modern concept of zoology .
3. To orient students about the importance of abiotic and biotic factors .
4. To provide an inside to the basic nutritional and health aspects of human life.
5. To include good lab practices in students and to train them about scientific handling of important instruments.

Program specific outcome:-

- 1.To understand the diversity among animal kingdom.
- 2.understandings the historical ranges of animals.
- 3.To create practical approaches among the students.
- 4.To introduce students with the basic concept of zoology .
- 5.To introduce students with the concepts , nature and characteristics of different types of animals .
- 6.To make the learners aware about conceptual knowledge and evolution of animals.
- 7.To familiarize the learners with the different physiological activities of different animals.
- 8.knowledge of the different phylums of the animals.
9. To understand the useful and harmful activities of animals.
- 10.To understand the economic importance of animals.

S.No	Class	COURSE	COURSE OUTCOME
1.	B.Sc – I	Pepar -1 Cell biology and None-chordata	1. To understand the nature and basic concept of cell biology.
			2. To understand the basic concept of cell organelles e.i. mitochondriya endoplasmic reticulum golgy body ,ribosome and lysosome .
			3. To demonstrate basic concept of cell division .
			4. To understand an elementary idea about cancer cells .
			5. To understand the general characteristics and classification of phylum protozoa ,porifera,and coeletrata ,Mollusca Echinodermata
2.		Pepar-2 Chordata and embryology	1. To explain general characteristics and classification about phylum hemichordata.
			2. To learn flight adaptaion ,migration perching mrchanism about birds.
			3. To explain basic idea about prototheria, metatheria ,eutheria and affinities.
			4. To explain embryonic induction differentiaion and regeneration dedevelopment of chick up to formation of three germ layers.
			5. To explain extra embryonic membrane ,placenta in mammals.
3.	B.Sc –II	Pepar -1 Anatomy and physiology.	1. To explain comparative anatomy of various organ system of vertebrates.
			2. To demonstrate integumentary system and its derivatives : structure of scales ,hair and feathers.
			3. To understand the general plan of brain and spinal chord.
			4. To learn about digation and absorption of heart cardiac cycle and ECG.
			5. To learn about respiration excretion and their physiology
4		Pepar-2 Vertebrate endocrinology Reproductive biology ,behavior ,evolution and applied zoology .	1. To explain endocrine disorder of pituitary ,thyroid ,adrenal and pancrease.
			2. To understand the basic concept about menstruation ,lactation and pregnancy.
			3. To understand structure and function of endocrine glands .hormone receptor ,thyroid adrenal ovarian and testicular hormones.
			4. To understand ethology :branch of ethology and concept of ethology.
			5. To explain prawn culture sericulture, apiculture ,paultry culture

5	B.Sc – III	Paper – I Ecology, Environmental , Toxicology, Microbiology & Medical Microbiology	<ol style="list-style-type: none"> 1. To understand major ecosystems of the world. 2. To understands biochemical cycle and ecological succession . 3. To learn about toxicology and classification of toxicology ,toxic agents, animal poison ,food poisoning etc. 4. to explain about general and applied microbiology ,microbiology of milk products ,industrial microbiology. 5. to explain pathogenic micro-organisms.
6		Pepar-2 Genetics ,cell physiology, Biochemistry Biotechnology, Biotechniques.	<ol style="list-style-type: none"> 1. to explain about linkage and linkage maps, multiple alleles . 2. to learn about ph and buffer. 3. To understand about biochemistry , amino acid ,peptides ,basic structures and biological functions 4.To learn about biotechnology and recombinant DNA technology gene cloning and other tools of biotechnology. 4. To understand principle and technique about ph meters ,colorimeters , microscopy, centrifugation chromatography ,electrophoresis, and histochemical methods . 5. to explain about linkage and linkage maps, multiple alleles .