

Department of Zoology

Programme outcome

B.Sc. Zoology

After awarding Bachelor degree B. Sc. With Zoology students will be able to understand:

PO1- Depict, carryout and learn of major concepts in Geology.

PO2- Develop an awareness of the impact of technology on the atmosphere.

PO3- To ingrain scientific temperament in the student.

PO4- Understand the Phylum history and evolution of chordates and non chordates by graph/ picture/ model etc.

PO5- To study and understand the microorganisms and their pathogenicity science symptoms and prevention

Programme Specific outcomes

B.Sc. Zoology

BSc - III

PSO1-. To understand the aims and scope of ecology.

PSO2- To study the general and applied microbiology and their role

PSO3- Understand about pathogenic microorganisms their symptoms and treatment

PSO4- Study and understand the DNA Recombinant technique and cell physiology

BSc – II

PSO1- Understand the physiology heart, muscles, nerve and eye

PSO2- Understand the method of agriculture, sericulture and PC culture etc.

PSO3- To Study the hormones receptors, hormones, gland and their disorders.

PSO4- Understand the blood coagulation system and their types.

BSc – I

PSO1- Gain the knowledge about structural organisations of animals and their components.

PSO2- Understand the embryological stage and their role.

PSO3- Understand the cell transformation immunity and cancer.

PSO4- To study and understand the vertebrate and invertebrate and their physiology and anatomy.

Course outcome

B.Sc. Zoology

B. Sc. I (A)

Cell biology and non chordata

CO1- Understand the structure and functions of cell and their component.

CO2- Understand the DNA and RNA structure and importance.

CO3- To study the cell transformation and cancer and their agent

CO4- To study the classification and general characters of Protozoa porifera and Silent coelenterata

CO5- To study pathogenicity prevention and symptoms.

CO6- Classification and general characters of Platyhelminthes, Annelida, Mollusca, Arthropoda and echinodermata.

B. Sc. I (B)

Chordata and embryology

CO1- To study the hemichordata and protochordata.

CO2- Understand the method of parental care in fishes and amphibia.

CO3- Understand about migration of fishes.

CO4- Adaptation system of birds.

CO5- Understand the formation of different types of organ of chick and frog.

CO6- The extraembryonic membrane and their role.

B. Sc. II (A)

Anatomy and Physiology

CO1- To study the digestive and respiratory system.

CO2- To study the evolution of heart and kidney.

CO3- To study and understand the mechanism of digestion and absorption.

CO4- To study the different types of endocrine gland and their role in the chordata.

CO5- Understand the mechanism of osmoregulation nerve impulse and excretion.

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B. Sc. II (B)

Vertebrate endocrinology reproductive Biology behaviour evolution and applied zoology

CO1- To study the general character action and disorders of hormones.

CO2- Understand the reproductive cycle in vertebrates.

CO3- Understand the process of evolution and their evidence.

CO4- Understand the drugs behaviour and their disorders.

CO5- To study the method of Apiculture, pisciculture, sericulture and their economic importance.

B. Sc. III (A)

Ecology environmental Biology toxicology, microbiology and medical Zoology

CO 1- To study the major ecosystem of the world population and communities and succession.

CO2- To study the environmental conservation and environmental impact assessment.

CO3- Understand about different types of toxic material and their Treatment.

CO4- To study the advantages of micro organisms and their role in hormones, antibody and alcohol production, the process of water and sewage treatment.

CO5- Understand about the pathogenic microorganisms and their vector and treatment.

. B. Sc. III (B)

Genetics cell physiology, biochemistry, biotechnology and biotechnics

CO1- Understand the gene interaction and expression method.

CO2- Understand the chromosomal disorder and single gene disorder.

CO3- To study the basic structure and function of amino acids.

CO4- understand the metabolism of Carbohydrate, protein and lipid.

CO5- Understand the scope and importance of biotechnology.