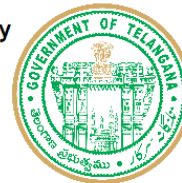


Telangana Tribal Welfare Residential Degree College for Men, Kamareddy

Sarampally X Road, Kamareddy, 503111

Ph: 7901097707



Department of Zoology

Course Outcomes

Semester I - Animal Diversity Invertebrates

On completion of the course, the student will be able:

CO 1	To study and identification of Invertebrates from Protozoa to Echinodermate.
CO 2	To differentiate the Canal system in sponges and Spicules. Polymorphism in Siphonophora.
CO 3	To describe the Parasitic Adaptations in Helminthes.
CO 4	To compare different systems in invertebrates.
CO 5	To outline general taxonomic on animal classification.
CO 6	To analyse phylum porifera to Echinodermata.

Semester II - Animal Diversity Vertebrates

On completion of the course, the student will be able:

CO 1	To Segregate phylum proto chordata and Mammalia.
CO 2	To know the comparative internal anatomy study of vertebrates.
CO 3	To know conceptual knowledge of vertebrates.
CO 4	To be able to classify the different vertebrate organisms.
CO 5	To understand Parental care in amphibian; neoteny and paedogenesis. Distinguish the characters of poisonous and Non-poisonous snakes.
CO 6	To understand patterns of Migration in Birds and Aquatic adaptations in Mammals.

Semester III - Animal physiology and animal behavior

On completion of the course, the student will be able:

CO 1	To understand the mechanisms that work to keep the human body alive and functioning.
CO 2	To understand their body organs functions mechanism.
CO 3	To learn interactions and Inter dependents of physiological and biochemical process.
CO 4	To develop the fundamental concepts of physiology of respiration
CO 5	To develop understanding for the fundamental concepts of physiology of digestion

Semester IV – Cell and Molecular Biology, Genetics and Developmental Biology

On completion of the course, the student will be able:

CO 1	To understand structural and functional aspects of basic unit of life.
CO 2	To know the concepts of molecular biology find central dogma of cell.
CO 3	To know the basic concepts of developmental biology.
CO 4	To understand extra embryonic layers placenta types regeneration process.
CO 5	To understand and analyze the concepts of DNA replication and enzymology.
CO 6	To understand and describe the process of Protein synthesis and regulation of Prokaryotic gene expression.

Semester V - Immunology and Animal Biotechnology

On completion of the course, the student will be able:

CO 1	To know types of immunity antigen antibody and their properties.
CO 2	To apply the adverse effect of immune system including allergy, hypersensitivity and autoimmunity.
CO 3	To know the vaccination and importance of vaccination process.
CO 4	To know the basic concepts of animal biotechnology and a different techniques.
CO 5	To be able to use our DNA technology genetic manipulation and variety of industrial process.

Semester VI – Ecology, Zoogeography and Evolution

On completion of the course, the student will be able:

CO 1	To learn about distribution of fauna in different rhythms interactions.
CO 2	To know the animal distribution on the earth.
CO 3	To understanding regarding the various theories of evolution evolutionary process such as variations, speciation, and natural selection.
CO 4	To know the Theories of evolution.
CO 5	To gain knowledge of Eras and evolution of human beings.