

DEPARTMENT OF ZOOLOGY

2017-2019

COURSE OUTCOMES

Animal Diversity Invertebrates

CO1: Outline general taxonomic on animal classification.

CO2: Classify protista are up to phylum amusing example from parasitic adaptations.

CO3: Analyse phylum porifera to Echinodermata tags on a mic indicators.

CO4: Specify nematode and give the examples of pathogens helminth.

CO5: Described the general biology of few selected non-chordates useful to mankind.

CO6: Know about some of the important and common protozoans, helminthes of parasitic nature causing diseases in human beings.

CO7: Understood the importance of metamerism in annelids.

Animal Diversity Vertebrates

CO1: Segregate phylum proto chordatato Mammalia.

CO2: Comparative internal anatomy study of vertebrates.

CO3: To know conceptual knowledge of vertebrates.

CO4: To know that the adaptations an Association in relation to their environment

CO5: Impart knowledge in comparative anatomy and development systems of chordates.

CO6: Make able to discuss some and very important phenomena in Chordates.

CO7: Know about the conservation and management strategies of the chordate fauna.

CO8: Knowledge of Eras and evolution of human beings.

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C10: Knowledge of construction and labeling of molecular probe, construction of genomic library and protein engineering.

C11: Understood the techniques of recombinant DNA technology and its applications

C12: Came to know about the techniques and applications of human genome projects.

ANIMAL PHYSIOLOGY BIOCHEMISTRY

CO1: Understood about the composition of food and mechanism of digestion absorption and assimilation.

CO2: Attained knowledge of respiration and excretion and understood the mechanism of transport of gases and urine formation.

CO3: Described the mechanism of circulation and composition of blood

CO4 : Knowledge of neuromuscular coordination and the mechanism of osmoregulation in animals and endocrine system and their function is attained.

CO5: Understood the menstrual cycle and the role of contraceptive in population control.

Described the enzymes, mechanism of enzyme action and factors affecting the enzyme activity

CO6: Understood the types and importance of vitamins

Cell Biology Genetics and Evolution

CO1: Structural and functional aspects of basic unit of life.

CO2: To know the concepts of molecular biology find central dogma of cell.

CO3: Understood the structure and functions of chromosome; mitotic and meiotic cell divisions and their significance

CO4: Obtained the knowledge about direct observation of fossils and evolutionary important specimen by which evolutionary relationship of animal groups.

Immunology And Animal Biotechnology

CO1: Types of immunity antigen antibody and their properties.

CO2: Provides basic information about immune system and individual to create insight as auto improve their immune system and health humans.

CO3: To know the vaccination and importance of vaccination process.

CO4: To know the basic concepts of animal biotechnology and a different techniques.

CO5: Use in our DNA technology genetic manipulation and variety of industrial process.

CO6: Knowledge of construction and labeling of molecular probe, construction of genomic library and protein engineering.

CO7: Understood the techniques of recombinant DNA technology and its applications

CO8: Came to know about the techniques and applications of human genome projects.

FISHERY BIOLOGY

C01: Described the fisheries and fishery industries

C02: Understood the various types and methods of aquaculture practices.

C03 : Understood the physiology and reproductive mechanisms of important fishes.

C04: Understood the modern techniques and methods of fishery industries.

C05: Attained knowledge about important cultivable fin fishes, shell fishes and importance of value added fishery products