DEPARTMENT OF ZOOLOGY

PROGRAMME OUTCOME

After successful completion of three-year degree program in zoology a student shall be able to –

PO -1. Knows about the different type of animals and their evolution.

PO-2. Comprehend about animal cell organelles, their division and functions.

PO-3. Knows about the properties of DNA, RNA and their replication.

PO-4. Internalize the laws of genetics, chromosomes and their mutations.

PO-5. Understand about changes in the genetics materials.

PO-6. Understand about the physiological systems of different animals.

PO-7. Used the modern Biological- chemical equipments.

PO-8. Inculcate the scientific temperament in the students and community.

PROGRAMME SPECIFIC OUTCOME

PSO-1. Acquisition of fundamental and zoological knowledge through classes.

PSO-2. Explain the basis of animal life, reproduction and their survival in nature.

PSO-3. Understand the bio-chemical reactions of animal body.

PSO-4. Understand good laboratory practices.

PSO-5. Awareness about the conservation of Bio-technology.

PSO-6. To know advances in the field of Bio-technology.

PSO—7. Students able to start poultry farming and fish farming.

COURSE OUTCOME

Semestar-1

Core-1(Non-chordates)

1. Learn about non-chordates their general characters and physiological systems.
2. Learn about the importance in the animal world.

Core-2(Principles of ecology)

1. Students learn about eco systems Bio-diversity conservation.
2. Learn population studies and about communities.

Semester-2

Core-3(Coelomates)

1. Learn about coelomates, social life of honeybee and termites.
2. Evolutionary significance of trochophore larvae.

Core-4(Cell-biology)

1. Learn about cell and cell organelle, cell cycle and cell division.

Semester--3

Core-5(Diversity of chordates)

1. Learn about protochordates.
2. Learn about parental care in fishes and amphibians.

Core-6(Physiological control and co-ordination)

1. Learn about tissues and nervous tissues. Reflex arc, methods of contraception.

Core-7(Bio-chemistry and microbiology)

1. Learn Biological importance of carbohydrates, protein and fats.
2. About enzymes and enzyme kinetics.

Semester-4

Core-8(Comparative anatomy of vertebrates)

1. Learn about derivatives of integument
2. General plan of circulation.

Core-9(Physiology-life sustaining systems)

1. Learn mechanism of respiration, mechanism of urine formation
2. Coronary circulation and working of heart.

Core-10(Bio-chemistry of metabolic process)

1. Learn metabolic pathway.
2. Urea cycle.
3. Catabolism of amino acids.

Semester-5

Core-11(molecular biology)

1. Learn about nucleic acid.
2. Transcription ,translation and gene regulation.

Core-12(Principles of genetics)

1. Learn mendelian genetics.
2. Mutations.

Semester-6

Core-13(Developmental biology)

1. Learn about embryonic development.
2. Post embryonic development.

Core-14(Evolutionary biology)

1. Learn chemogeny , biogeny.
2. Types of variations.
3. Theories of evolution.