

Department of Zoology (Programme outcome, programme specific outcome and course outcome based on the LOCF syllabus)

As per meeting held on 02/04/2021

Mechanism of Communication:

The College has clearly stated learning outcomes of the Programs and Courses.

The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

- Hard Copy of syllabi and Learning Outcomes are available in the departments as well as in the central library for ready reference to the teachers and students
- Learning Outcomes of the Programs and Courses are displayed on the departmental notice board outside each department
- Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are also uploaded to the Institution website for reference
- The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and College Committee Meeting.
- The students are also made aware of the same through induction and tutorial Meeting.

Department of Zoology	
B. Sc Zoology	
Programme Outcome	On successful completion of the programme, the students are entrained with the concepts of classical Zoology, including the diversity of life forms, the origin of life and the different ecological concepts. Apart from developing an appreciation on animals and their behaviour the students become abreast with the latest concepts of cell biology, immunology, molecular biology, genetics, biochemistry, developmental biology and physiology. The students also acquire skills in both the theoretical and practical aspects. Field studies and excursion imprint concepts of teamwork as well as life on the outdoors.
Programme Specific Outcome	The specific outcomes of the programme are on several dimensions. They enhance the chances for students to progress for higher education like MSc, BEd and PhD. On the other dimension the programme is versatile enough to ensure that students be successful in different competitive examinations. The students also have an option to get selected in different biotechnology industries. This course also trains students in the field of applied zoology like sericulture, apiculture etc.
Course Outcomes	
Course	Outcome
Systematics & Diversity of Life - Protists to Chordates	This classical zoology paper imparts concepts of animal classification as well as different features on the diversity of animal life.
Ecology	Very essential in today's world this course impart the different principles of ecology and environment.
Comparative Anatomy &	This paper studies the anatomy and physiology across the entire

Physiology of Nonchordates	invertebrate -animal kingdom.
Cell Biology and Histology	An essential part of clinical studies, this course introduces students to
Comparative Anatomy & Physiology of Chordates	This paper studies the anatomy and physiology across the entire vertebrate -animal kingdom.
Genetics	The principles of inheritance are dealt in this course.
Biochemistry	The structure and properties of biomolecules, metabolic and biochemical processes are studied in this course.
Behaviour and Chronobiology	Animal behaviour and the concept of a biological clock which controls our day-to-day processes are studied in this course.
Developmental Biology & Evolution	This course studies the process of development of animals and also deals with the process of evolution.
Molecular Biology	Molecular biological processes are studied in this course.
Biotechniques	The different techniques and principles used in biology are studied here.
Microbiology, Parasitology & Immunology	A critical study on the different aspects of microbiology, parasitology and immunology are studied here
Biostatistics & Bioinformatics	The essential back bone of bioinformatics and biostatistics are studied here.
Applied Zoology	This paper deals with the application of Zoology for commercial purposes.
Genetic Engineering and Biotechnology	A modern field concerned with the modern uses of genetic engineering and biotechnology.
Livestock Management and Animal Husbandry	This paper deals with livestock management and animal husbandry.
Wild Life Conservation and Management	How to conserve and manage wildlife is dealt here.
Human Reproductive Biology	The science of human reproduction is addressed here.