

## B.Sc., Zoology

The Department of Zoology established in 1967 aims to mould the students into a world class community who would be able to think critically and innovatively. Our focus lies more on the approach of making the students observe, analyse, interpret, evaluate and solve problems. The Department provides an excellent academic and research facilities to the students, in order to enhance their natural and artificial intelligence.

Students can expand their knowledge and working ability in various areas including Taxonomy, Cell and Molecular Biology, Genetics, Immunology, Microbiology, Physiology, Endocrinology, Entomology, Bioinformatics, Biotechnology, Research Methodology, Wildlife Biology and Medical Zoology.

### PROGRAMME HIGHLIGHTS

- Students get individual attention and focus on the prevailing challenges by way of giving strong foundation.
- Creates a conducive environment for students to develop innate skill to discover themselves and explore scientific pursuits with various opportunities.
- The students grow in a rich environment fully equipped in its infrastructure resulting in a physically sound, mentally serene, spiritually humane and scientific excellence
- Creativity is a spark that lasts long. We provide ample opportunity for our students to think and make outside the box.
- We treasure their pride of being a creator.

### DURATION AND ELIGIBILITY

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|--------------|--|
| UG PROGRAMME | B.Sc., Zoology   |
| DURATION     | 3 years – 6 semesters                                    |
| REQUIREMENTS | 12 <sup>th</sup> passed with Biology, Zoology and Botany |

### UNIQUE SKILL SETS GAINED

- It enables students to learn and apply Zoological principles for both Human and Animals.
- Understand the impact of Zoology on basic human needs such as, Healthcare, Agriculture, Industrial, Chemical Energy etc.
- Students become well-versed with the current development in Zoological Sciences and are able to evaluate the future priorities in Zoological Research.
- They develop skills in the various modern bio-techniques.
- The students are also taught IPR (Intellectual Property Rights), to draft clauses in licensing agreements and assignments and Bioinformatics: Genomics, Proteomics Drug Discovery.

## CAREER SCOPE

- ◆ Laboratory Scientific Officer
- ◆ Researcher- Biologist/Scientist
- ◆ Genetic Engineer/Technical Assistant in projects (SACON, WII, IISc., WWF etc.,)
- ◆ Forensic DNA Analyst
- ◆ Data Analyst
- ◆ Lab Technical Supervisor
- ◆ Medical coding
- ◆ Technical Content Developer/Content Editor

## EDUCATIONAL SCOPE

- ◆ M.Sc., Zoology
- ◆ M.Sc., Bio-Technology
- ◆ M.Sc., Bioinformatics
- ◆ M.Sc., Microbiology
- ◆ M.Sc., Wildlife Biology
- ◆ M.Phil.
- ◆ Ph.D.
- ◆ B.Ed.,
  - Teacher in School & Corporate level/Kendra Vidyala (after B.Ed.)
  - Professor in College/University/Institutions (after M.Sc., and passed in SET/NET or Ph.D.)

