

# DEPARTMENT OF ZOOLOGY

In the field of zoology, vision and mission statements are integral to guiding educational institutions in their pursuit of academic excellence, research advancement, and societal impact. This report explores the significance of vision and mission statements specific to zoology education, examining their formulation, implementation, and role in shaping the future of biological sciences. Through case studies, best practices, and theoretical frameworks, this report elucidates the importance of articulating a clear vision and mission for zoology departments and programs at the undergraduate and graduate levels.

## 1. Introduction:

- Overview of the importance of vision and mission in zoology education.
- Definition and differentiation of vision and mission statements.
- Objectives and scope of the report.

## 2. Theoretical Foundations:

- Theoretical frameworks underpinning the development of vision and mission statements in zoology education.
- Review of relevant literature on the role of vision and mission in academic institutions.

## 3. Formulating a Vision and Mission for Zoology Education:

- Process of crafting vision and mission statements tailored to zoology departments or programs.
- Engagement of stakeholders including faculty, students, researchers, and industry partners.
- Case studies highlighting successful approaches to developing vision and mission statements in zoology education.

## 4. Implementing the Vision and Mission:

- Strategies for effectively communicating the vision and mission to internal and external stakeholders.
- Alignment of academic programs, research endeavors, and outreach initiatives with the vision and mission.

- Leadership's role in driving the implementation of the vision and mission within zoology departments.

5. Assessing Impact and Progress:

- Methods for evaluating the effectiveness of vision and mission statements in zoology education.
- Measurement of outcomes such as student achievement, research productivity, and community engagement.
- Long-term impact on the reputation and relevance of zoology programs.

6. Addressing Challenges and Best Practices:

- Common challenges encountered in formulating and implementing vision and mission statements in zoology education.
- Best practices for overcoming challenges and sustaining alignment with the vision and mission.
- Examples of zoology departments or programs that have successfully navigated challenges and realized their vision and mission.

7. Future Directions and Innovations:

- Emerging trends in zoology education and their implications for vision and mission statements.
- Opportunities for incorporating interdisciplinary approaches and leveraging technology to advance the vision and mission.
- Recommendations for fostering continuous improvement and adaptation in zoology education.

### About Department :

The Department of Zoology has been handling Zoology for B.Sc. at undergraduate level from the year of establishment since 1974. Regular field visits are part of the curriculum so as to expose the students to natural and realistic environment. The department has three well qualified and highly experienced faculty members, who constantly strive for academic excellence and dissemination of knowledge to its student community. The faculty participated in national and international seminars on a regular basis. Guest lectures are conducted regularly with an aim to expose the students to latest trends in various research fields. This also serves as a forum to all science faculty and students and also science lovers from other departments to gain and understand of the latest happenings in the field of science.

The department is rich good number of specimens that are maintained in the museum from the year establishment. . Majority of the students opt for higher studies in various reputed institutions and other universities. Many students qualify themselves in different competitive exams conducted by the private and government organizations. Few students qualify themselves in the job drives conducted by the JKC placement cell.

### Programmes Offered

CBCS system is followed for all UG/PG programmes

### Programme wise Student Profile (Current year data)

Programme	Name of the Group	Students enrolled		Total
		Male	Female	
BSc	Botany, Zoology, Chemistry ( EM)	2	4	05
	Zoology Major	4	3	07

### Teaching posts and Non-Teaching Posts

Post	Sanctioned	Filled
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Teaching posts	01	01

#### Programme wise Student – Teacher ratio

S.No.	Programme	Student teacher ratio
1	ZOOLOGY MAJOR WITH BOTANY ( EM)	12:1

#### Teaching methods adopted to improve student learning

- Mentoring method
- Lecture Method
- Black board teaching
- LMS
- Power point presentations
- Class Seminars
- Group Discussions
- Quiz programmes
- Study Assignments
- Guest lecturers
- Study projects
- Remedial coaching for slow learners
- Field trips
- Zoological tour

#### Details of Infrastructural Facilities

- Departmental Library consists of 40 Books
- Beeruva iron -2
- Beeruva wooden -3

Display iron – glass Beeruva - 1