

1) Scope and Importance of the Subject

Scope:

The scope of Zoology subject in various fields like Research, Paramedical, Competitive exams, Government administration, Education and Self employment.

1. **Research** – Taxonomy, Virology, Biophysics, Animal, Biotechnology, Bioinformatics etc.
2. **Paramedical** – Nutrition, Pathology, Forensic Science, Tissue culture.
3. **Competitive exams** – JRF, SRF, UPSC, MPSC, MBA, Banking.
4. **Government Administration** – Navel, Department of forestry, Marine science, Fishery Science, Zoological survey of India, Ministry of Science.
5. **Education** – Teacher, Professor, Administration, Research.
6. **Self Employment** – Fisheries, Sericulture, Apiculture, Wormi culture, pearl culture Aquaculture, poultry farming.

Importance:

The study in Zoology considers all accepts of animal kingdom. Their biodiversity, taxonomy, anatomy, histology, physiology, ecology, genetics development, evolution and biotechnology are the key accepts.

The general objectives of the study of Zoology are-

1. To help the students to gain detailed knowledge of biodiversity of Animal kingdom.
2. To help the students to understand the contribution of animals in different ecosystems.
3. To help the students to develop the scientific attitude towards the animal kingdom.
4. To help the students to reinforce the practical skills to achieved at the higher secondary level.
5. To help the students to understand the place of human being in animal kingdom.
6. To help the students to acquire current and advanced knowledge about animal kingdom.
7. To develop interest in students regarding research in animal kingdom.

2) About the Department:-

The Kalikadevi Arts, Commerce & Science, College, Shirur Kasar is established on 1st June 2002 and the Department of Zoology was established on 2005, along with other departments of science faculty which were then started considering the need of the time to provide science and technological education to the rural and hilly students in and around Shirur Kasar Taluka.

The total area of the Zoology Department 450 sq. fit. Total 23 books of Zoology including text, reference and practical books are present in the central library. Department has all essential laboratory equipments, museum specimens, slides, glassware, chemicals, charts, models, and water connections, Department has its departmental library and internet facilities. The department guide for competitive examinations, i.e. MPSC/UPSC/SET/NET/ examinations. Every year some students of this college go for M. Sc. in the University.

Besides the usual compulsory papers as per the syllabus of Dr. B. A. Marathwada University, Aurangabad, in this department Fishery Science I and II paper to B.Sc. III year Class

From its establishment, the department has contributed in different curricular and co-curricular activities of the College. At present, Dr. T.S. Pathan is the Asst. Prof. & Head of the Department, is working for the actively progress and development of the department. Dr. T.S. Pathan has completed his Ph.D. degree and is actively participating in the research activities regularly by publishing and presenting their work.

Dr. T.S. Pathan has published research articles in reputed International and National journals as well as participated and presented paper in International / National/ state level seminars, conferences, symposia and workshop.

The Department had tried for all round development of the students by organizing study tours, seminars exhibition, and extension and community services as per the need of the time.

3) Establishment of the Department:-

Establishment	2005
Built up area	450 sq.fit.
No. of Labs	01
Courses offered	B.Sc. (Zoology)
Books in central library	185
Books in departmental library	57
No. of Journals/Periodicals in Central Library	01
No. of Computers	01
Internet Facility	Yes
Museum (Chemical & Glassware)	01

4) Existing Heads, Teachers & Their Contribution

Faculty members attend time to time various refresher courses/ seminars/ conferences/ symposia/ work shops/ orientation courses/ summer institutes sponsored by the U. G. C. organized at various places.

Sr. No.	Name of the Staff	Paper /Books published	Conference/ Seminar attended	Refresher/W orkshop/ orientation attended	Conference/Se-minar/workshop arranged
1.	Dr. T.S. Pathan	05	33	03	Nil
2.	Mr. Bade Pravin	Nil	Nil	Nil	Nil

Heads of the department:-

Sr.No.	Name of the Department Heads	Duration
01	Dr. T.S. Pathan	2010 to till date