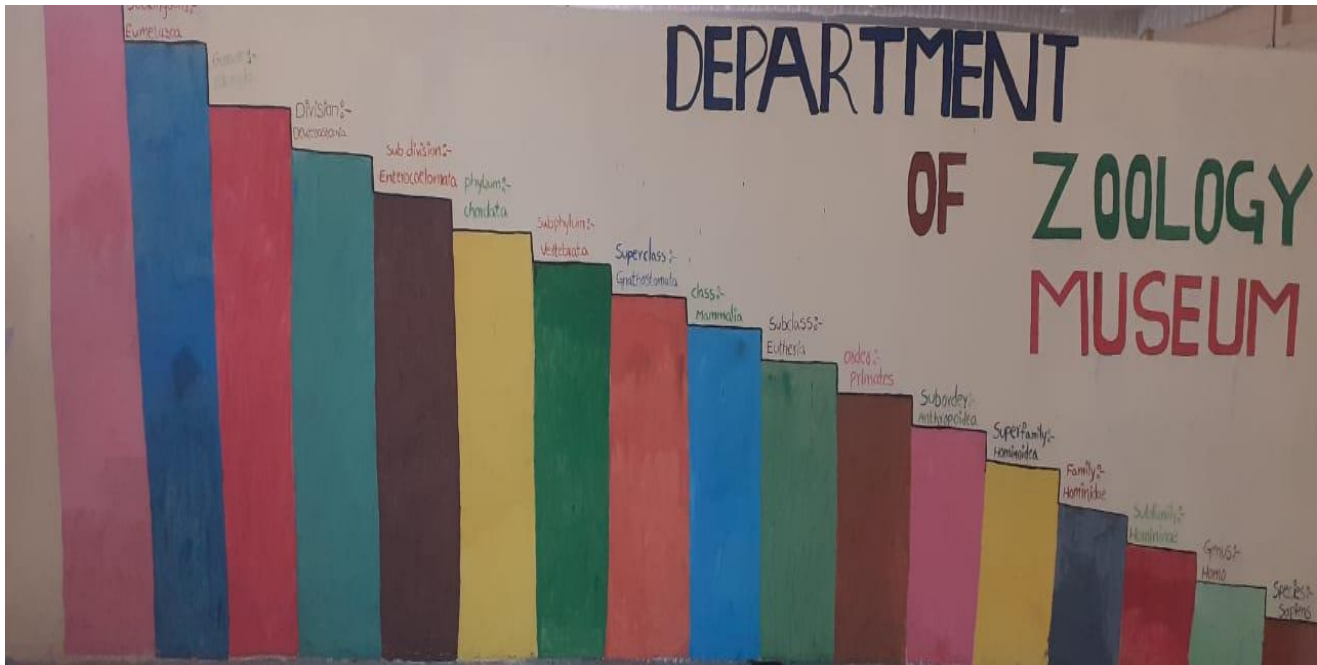


DEPARTMENT OF ZOOLOGY

The Degree course in B.Sc BZC was started in the year 2017-20218 under the Department of Zoology Affiliated to the Kakatiya University. The Department of zoology was started with initial Strength in B.S.C B.zc E/M in the academic year 2017-2018




Vision:

- ❖ Achieve excellence through teaching and research.
- ❖ Envision to inculcate the highest values of life science education.
- ❖ Respect for nature and concern for ethical values among students through good and scientific – educational practices.

Mission:

- ❖ Aspire, hard work and achieve the goal.
- ❖ To develop research aptitude and scientific advancement.
- ❖ To provide a strong foundation in the concepts of animal structure, function and behaviors to provide practical skills and knowledge of applied aspects of zoology which can pave the way for self-employment opportunities in Aquaculture, apiculture, vermiculture and sericulture

S.NO.	NAME OF THE FACULTY	DESIGNATION & EMAIL ID	QUALIFICATION	EXPERIENCE	PROFILE PHOTO
1	K.Aruna kumari	Degree Lecturer in Zoology aruna.karepakula@gmail.com	M.Sc , B.ed, M.Phil,CSIR NET,SET	18 years	
2	G.Manjula	Degree Lecturer in Zoology Manjugandamala06@gmail.com	M.sc, B.ed	10 years	

CURRICULAR ACTIVITIES:

- Theory and Practical classes are conducting as per the time table and almanac of the college.
- Student seminars, study projects, quiz programmes are organized each faculty member in their subjects
- Bridge course.

CO-CURRICULAR ACTIVITIES:

- Special day celebrations such as World cancer Day, AIDS Day ,Mosquito Day and **National science** Day
- National / State level Workshops are to be organized
- Career guidance programmes are to be organized
- Coaching for P.G. Entrance examination
- Science fair,debate

STRENGTHS OF DEPARTMENT:

- Ability to Simplify Concepts to pupils
- Passion for Teaching and learning
- Natural habitat learning.
- Doing adventure in environment on animals.
- Observance and Celebration of the Important science Days
- conducting awareness programmes on AIDS, Chronic diseases E.t.c
- Guiding students for higher education.

TEACHING METHODS ADOPTED TO IMPROVE STUDENT LEARNING

- Class room teaching
- Power point presentations
- student Seminars
- Group Discussions
- Quiz programmes
- Guest lecturers
- Study projects
- field trips
- Extension lectures

INFRASTRUCTURAL FACILITIES

1. Lab equipment up gradation.
2. Procurement of Teaching aids like Laptops, spicemen models smart board,OHP, Charts etc.,
3. Department collaboration with PINGLE COLLEGE, HANAMKONDA, ABV Degree College JANGAON
4. Well furnished lab material.

OBJECTIVES/ CAREER IN ZOOLOGY:

1. Get knowledge regarding overall world wide animal taxonomy of Invertebrates and vertebrates and their taxonomical hierarchy
2. Physiology of animals & biochemistry of systems how they are functioning like digestion, circulation, respiration etc
3. How animals behaves according to environment and their habitat experiment based study
4. By knowing their microstructure of cell & its functions and any mutations occurs then genetically disorders will come by studying genetics, We can get how hereditary characters are passed from one generation to another
5. By studying embryonic development we can understand stages in gestation period if any aberrations occurs we can rectify by gene therapy treatment
- 6 Human system can resistant to the environment not get diseases by studying immune system and how can we take precautions not to get immunological disorders .
7. knowing the ecosystem how animals adjustment to environment and how behaves according to habitat from single cell to multicellular organisms are formed how new species can formed from amoeba to human beings
8. In organic evolution may be after millions of years new species may also form and we get how all animals distributed over all world in based on realms or regions