

GOVT. DEGREE COLLEGE, RAJAMPETA, ANNAMAYYA DT.

DEPARTMENT OF ZOOLOGY

EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the department

Zoology

2. Year of Establishment :

1980

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

UG - B.Sc (BZC-EM) and Single Major - ZOOLOGY (FROM 2023-24)

Names of Interdisciplinary courses and the departments/units involved

Botany, Zoology, Chemistry

4. Annual/ semester/choice based credit system (programme wise) :

UG - Semester (CBCS)

5. Participation of the department in the courses offered by other departments.

Principles of Biological Sciences - for I sem B.Com students

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

Collaborated with Fisheries, animal husbandry, Poultry, Apiculture, Local Govt.

Hospitals and veterinary doctors.

7. Details of courses/programmes discontinued (if any) with reasons :Nil

8. Number of Teaching posts

Post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Lecturers	03	03

9. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Faculty Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. N. Chandra Mohan	M.Sc, B.Ed, M.Phil, Ph.D & AP SET	Contract lecturer	Environmental Biology	20	-
K. Janardhana	M.Sc, (Ph.D)	Contract lecturer	Environmental Biology	18	-
B. Sujatha	M.Sc, M.Ed, (Ph.D)	Contract lecturer	Animal Physiology	16	-

10. List of Visiting Persons:

- 1). Dr. N. Venkatrami Reddy, Associate Professor, Dept. Of Zoology, Y.V University, Kadapa.
- 2). Dr. D. Sudeesh (Veterinary doctor), Pullampeta, Annamayya Dt.
- 3). Sri. Ch. Parthasarathi, lecturer in Zoology, Govt. Degree College, Pileru. Chittoor Dt.
- 4). Dr. P. Sachi Devi, Lecturer in Zoology, SKR & SKR DC (W), Kadapa.
- 5). Dr. V. Uday Kiran, Lecturer in Zoology, Loyola Degree (YSRR), Pulivendula, kadapa Dt.
- 6). Sri Akepati Varaprasada Reddy, Organic farmer, Hasthavaramu, Annamayya Dt.

11. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

S.No	Course	% of lectures delivered and practical classes handled (Semester wise)	Remarks
1	I Sem	60+24	
2	II Sem	60+24	
3	III Sem	60+24	
4.	IV Sem	60+24	
5.	V Sem	60+30	
6.	VI Sem	Long term internship(from 2022-23)	

12. Student -Teacher Ratio (programme wise) : 30:1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled:1 Museum Keeper post sanctioned : Lakshmi Narasamma-working as a museum keeper.

14. Areas of consultancy and income generated:

Established Vermicomposting unit in the academic year 2021-22 and income generated from two cycles by giving vermicompost to the farmers at low cost.

15. Faculty as members in a) National committees b) International Committees c) Editorial Boards - 01

Dr. N. Chandra Mohan, life member in NESI (National Environmental Science Academy - New Delhi).

16. Awards/ Recognitions received by faculty and students:

Dr. N. Chandra Mohan, Received Young Scientist Award from NESI, New Delhi in Dec' 2009.

17. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc BZC	100	Nil	Nil

18. Student progression

Student progression	Against % enrolled
UG to PG	15
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	45
• Other than campus recruitment	20
Entrepreneurship/Self-employment	---

19. Details of Infrastructural facilities

a) Internet facilities for Staff & Students: Maintaining UGC network cell

b) Class rooms with ICT facility: A common classroom with ICT facility is available for all departments.

c) Laboratories: Single laboratory provided for I, II and III year B.Sc, BZC students.

D) LCD Projector.

20. Number of students receiving financial assistance from college, university, government or other agencies:

All students belonging to the SC/ST/BC/EBC students had got the scholar ships, Jagananna vidyadeevena and Jagananna Vasathi deevena from the govt.

21. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

The Department has been arranging special lecturers for students on different topics with expert professors/lecturers/Doctors/Farmers and conducting seminars within the department.

22. Teaching methods adopted to improve student learning:

ICT, PPT, e-Class, Demonstration, MANA TV teaching methods adopted to improve student learning.

23. Participation in Institutional Social Responsibility (ISR) and Extension activities:

1. Conducted Awareness programmes on Blood Donation, Blood grouping determination and Breast Cancer at college level.

2. Conducted Blood grouping Determination Programme for staff and students at college level and out side of the college.

3. Conducted Color Blindness test to the college staff and students at college level.

2. Conducted Awareness programme on Seasonal diseases at villages.

3. With the help of NSS and Red Ribbon Club of the college conducted AIDS awareness programmes and rallies at villages.

4. We made a collaboration with Local Vet. Doctor, Dr. Sudeesh. He has been giving free consultancy to the public for their animal problems through Whatsapp group.

5. Along with Local Doctors, Our students participate in pulse polio programmes.

24. SWOC analysis of the department and Future plans

The Government Degree College established in the year 1980 has been catering to the higher educational needs of the rural, downtrodden poor in and around the town of Rajampet. The college provides the services to the marginalized sections of the society, thereby fulfilling the independence India needs.

The Department of Zoology was started in the same year of the establishment of the college that is, 1980. The department has been growing in strength and

providing ample opportunity to the biology students in their pursuit of study Zoology.

However, a detailed SWOT analysis will help the college administration as well as the policy makers to strengthen the department and serve the deprived sections of students in a better way.

Strengths:

The strengths of the department can be explained in the following:

- a. **Sanctioned posts:** The department has three sanctioned teaching posts and working three lecturers as per the work load in the department which is sufficient to handle the course at ease and pay attention to each and every students in the form proper guidance, identifying slow learners, counseling and improving their learning capacity.
- b. **Laboratory:** It is a matter of great satisfaction the department is having a well equipped laboratory with latest equipment procured each year in tune with change of curriculum by the affiliating university.
- c. **Class rooms:** Three class rooms are provided to engage the classes leisurely and comfortably
- d. **Teaching Aids:** The following equipment/materials are available for an effective teaching learning process to improve the standards of teaching.

- | | | | |
|---|----------------------|------------------------------|---------------|
| i. LCD projector | ii. Spigmomonometer | iii. Microscopes | |
| iv. Electrical Colori meter | v. Bio-visual charts | vi. Demonstration microscope | |
| vii. Water bath | viii. Autoclave | ix . Centrifuge | x. Haemometer |
| xi. Haemocytometer | | | |
| xii. Electronic weighing balance and Induction stove. | | | |

- e. Local alumni & some philanthropists 'had participated in college developments. In 2004 Mr Ch.Adinarayana Reddy Prof in USA on the memory of her daughter by name Suma bala reddy had constructed a science block.
- f) To encourage the students the donors of the town had donated endowment prizes and medals in subject toppers.

Opportunities:

The dept. conducted certificate courses in various aspects.

1. Certificate Course in Vermiculture and Vermicomposting
2. Certificate course in Apiculture.

Challenges:

The following issues may be considered seriously which may pose a threat to the survival and development the department.

- a. **Private institutions:** There are about half a dozen private institutions in and around Rajampeta town.

Future Plans:

- 1) To start a Certificate course entitled " Biology for Competitive exams" for Non Biological students.
- 2) To continue remedial coaching classes for academically backward students.
- 3) To start Free Coaching for M.Sc Entrance examinations.