



S.G.A. GOVERNMENT DEGREE COLLEGE (A)

(Re-Accredited with NAAC "A" Grade with CGPA 3.13)

Affiliated to Andhra University

YELLAMANCHILI, ANAKAPALLI DIST., ANDHRA PRADESH



Department of Zoology

Record of Best Practices

2024-2025



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List of Best Practices

2024-2025

- ❖ Usage of ICT
- ❖ Student seminars, Quiz programs, Group Discussions
- ❖ Manava seve Madhava Seva (Distribution of Blankets)
- ❖ Organizing various Community awareness Programmes
- ❖ Inspire Programme
- ❖ Coaching for PGCET Entrance
- ❖ Student Study Tours and Field Trips
- ❖ Visit to Orphanage (Distribution of Fruits, Snacks and Medicines)
- ❖ Above 30 % of students are in NSS Wings in the College

Best Practices of the Zoology Department

1. Innovative Teaching Methods:

- **Interactive Learning:** Use of ICT tools such as PPTs, Virtual Labs, digital classrooms, online platforms like Google Classroom, and YouTube for delivering lessons.
- **Hands-On Experience:** Practical sessions with lab equipment to provide hands-on experience to the students
- **Guest Lectures:** Inviting Resource Persons/ Experts from various fields to give lectures and share their experiences with the students.

2. Comprehensive Practical Training:

- **Virtual Dissections:** Adoption of computer-aided techniques for dissections to minimize the use of live specimens, aligning with UGC guidelines.
- **Field Trips:** Organizing field trips and excursions to give students exposure to realworld experience for biodiversity and ecological studies.

3. Skill Development:

- **Certificate / Add on Courses:** Offering certificate / Add on courses to assist the students to gain additional skills for self-employment or entrepreneurship.
- **Student Projects:** Encouraging students to undertake study projects that enhance their Critical thinking, research skills and practical knowledge

4. Institutional and Social Responsibility:

- **Awareness Programs:** Conducting seminars and rallies to spread awareness about communicable diseases such as HIV/AIDS, COVID-19, Malaria, Dengue, and life style Diseases like Diabetes, CVDs etc.,
- **Community Service:** Participation in NSS, RRC activities such as clean and green initiatives, Swachh Bharat campaigns, blood donation drives, Distribution of Blankets to old people, Distributions of Fruits, Snacks and Medicines to Orphans and other community service programs.

5. Infrastructure and Resource Management:

- **Well-Equipped Laboratory:** Maintaining a well-equipped laboratory with sufficient glassware, equipment, instruments, and chemicals.
- **Departmental Library:** Providing access to a departmental library with a wide range of books, journals, and research papers.

6. Student Support and Mentoring:

- **Counseling and Mentoring:** Counseling and mentoring sessions will be conducted to guide students in their academics and career pursuits
- **Assignments and Assessments:** Regular assignments (both handwritten and digital), quizzes, and internal assessments to evaluate and improve student learning.

7. Providing additional support and resources to students from socio-economically disadvantaged backgrounds and first-generation learners.

8. Encouragement of Higher Education:

- **PG Preparation:** Encouraging and preparing students to pursue higher education, such as postgraduate studies in Zoology.

9. Continuous Progression:

- **Feedback Mechanism:** Implementing a feedback mechanism where students can provide suggestions and feedback on the curriculum and teaching methods, ensuring continuous progression.

Usage of ICT

Year / Sem: III B.sc (CBZ) Semester –V

Paper- VI A: Sustainable Aquaculture management

Date: 25.07.2024

Name of the Topic: **Status of Aquaculture Global & National Scenario**

No. of Students attended: 29



Date: 27.07.2024

Name of the Topic: **Major Cultivable Freshwater Species**

No. of Students attended: 29



Year / Sem: II B.sc Hons. Zoology (Minor) Semester –III

Paper- II: Animal Diversity – II Biology of Chordates

Date: **16.08.2024**

Name of the Topic: **General Characters of Chordates**

No. of Students attended: **37**



Date: **17.08.2024**

Name of the Topic: **General Characters of Cephalochordates**

No. of Students attended: **40**



Date: **28.08.2024**

Name of the Topic: **Scoliodon Respiratory System**

No. of Students attended: **40**



Date: **12.09.2024**

Name of the Topic: **Fish Migration**

No. of Students attended: **45**



Year / Sem: I B.sc Hons. Zoology (Major) Semester –I

Paper – I Introduction to Classical Biology

Date: **29.08.2024**

Name of the Topic: **ICBN**

No. of Students attended: **38**



Date: **30.08.2024**

Name of the Topic: **ICZN**

No. of Students attended: **40**



Visit to Orphanage
(Distribution of Fruits, Snacks & Medicines)



