Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist Pune

DEPARTMENT OF ZOOLOGY
ANNUAL REPORT
2024-25

Zoology is a branch of science that deals with the study of animal kingdom and animal life. Keeping a beat to global hands and scope for the subject college started the Department of Zoology in the academic year 1982-83. A unique feature of the department has been the deep involvement of the teachers and students in implementation and monitoring of various programmes and activities. In the academic year 2024-25, 13 students were admitted for TYBSc class. During last academic year (2023-24) the overall result of Zoology specialization was 100%. Ms. Tejal Gabhale secured 92.45% and stood 1st in the class. The activities and the achievements of our department are as follows:

1. Wildlife Week Celebration:

Department of Zoology celebrated the National Wildlife Week 2024 to create an awareness on Wildlife and their conservation, on October 8, 2024. On the Occasion of Wildlife Week the department organized a Lecture on Conservation of wildlife, Poster Presentation and Rngoli Compition. Total 80 students were Participated in Wildlife week activities.

2. Celebration of National Science Day:

Department of Zoology was organized the 'Blood Group, Blood Glucose and Blood Pressure Detection Camp'on the occasion of National Science Day 2025 on February 28, 2025. Around students participated in the program. On these occasion the students of TYBSc Zoology were able to detect the Blood groups, Blood glucose level and Blood pressure of 135 participants at Annasaheb Awate College Campus.

3. Field Visit:

Field visit was organized to Krishi Vidnyan Kendra, Manchar, on 08 February, 2025. The aim of the visit was to explore the Agriculture Exhibition organized at KVK, Manchar. Students were exposed to information on Sericulture, Vermiculture, Fisheries and Pest Control Unit. Total 13 students TYBSc benefited from the visit.

Field visit to vermicompost unit and apiculture unit in the college campus was organized for the students of SYBSc. Total number of beneficiaries were 40.

4. Study Tour:

Study tour to Kolhapur, Ratnagiri, Paavas, Ganapati pule was organized from February 12 to March 14, 2025 was organized for FY, SY and TYBSc Zoology students. Students visited to Shivaaji University, Kolhapur. Students visited to the beaches of Devbaug, Paavas and Ganapati pule for collection of marine molluscan species. Total number of beneficiaries were 40.

5. Extension Activity on Blood Group Detection:
'Blood Group, Blood Glucose and Blood Pressure Detection Camp' was organized on February, 28, 20245 on the occasion of National Science Day 2025. As a team work, the students of TYBSc (Zoology) detected Blood Groups of 135 individuals.

6. Avishkar Competition:
All the Students of TYBSc were participated in Avishkar Competition (College Level), organized by Avishkar Committee on 30, September 2024. Total 12 students from TYBSc and 02 student from SYBSc participated and presented their poster and models.

7. Research:
Faculty members were participated in national and international level conferences :

Sr. No.	Name of the Faculty	National /International Conference	No. Conferences attended
1.	Prof. Pokale S. T.	1 – National 1- International	02
2.	Dr. Patil S. S.	1 – National 1- International	02
3.	Ms. Gavit H. J.	1– National 1-International	02
1	Ms. Sayyed S. A. R.	2-National 1-International	03

Faculty members were published UGC care listed research papers:

Sr. No.	Name of the Faculty	Research Paper published
1	Prof. Pokale S. T.	05
2	Dr. Patil S. S.	02
3	Ms. Gavit H. J.	03
4	Ms. Sayyed S. A. R.	04

Faculty members were published National Level Book Chapters:

Sr. No.	Name of the Faculty	Book Chapters published
1	Prof. Pokale S. T.	02
2	Dr. Patil S. S.	02
3	Ms. Gavit H. J.	02
4	Ms. Sayyed S. A. R.	02

Research project undertaken by TYBSc Zoology students in this academic year are as follows:

Sr. No.	Name of the Student	Title of the Project	Mentor
1.	Pokharkar Sakshi Raju	Post Monsoon Study of physicochemical Parameters of water from Paazar Lake, AAC Manchar.	Prof. Pokale S. T.
2.	Shelke Arti Govind		
3.	Shelkande Sonali Jalindar		
4.	Kondhawale Rajlaxmi Ramchandra		
4.	Walunj Sakshi Bandesh	A comparative Study of Medulla, cortex and scale patterns in human hair from individuals, aged 21 using microscopic analysis	Dr. S. S. Patil
5.	Wayal Shubham Savaleram		
6.	Pathan Arshiya Riyajkhan		
3.	Damse Kanchan Vilas	Analysis of Root and Shoot Development in fenugreek (*Trigonella Sp*) in Soil Supplemented with Vermicompost	Ms. H. J. Gavit
4.	Yelbhar Diksha Deepak		
5.	Dherange Sujal Shekhar		
6.	Pawale Gauri Gulab	Synthesis of ZnO nanoparticles by using an aqueous root extract of *E. crassipes*	Prof. Sayyed S. A. R.
7.	Asawale Dharshan Devram		
8.	Shingade Pranita Baban	Synthesis of MgO nanoparticles by using an aqueous root extract of *E. crassipes*	Prof. Sayyed S. A. R.

8. Participation and Achievements of Students and Faculty Members:

Sr. No.	Name of the Student/Faculty	Event	Organizer
1.	TYBSc Students	Participated in College level Avishkar Compitition 2024-25	Annasaheb Awate College
2.	TYBSc Students	Presented posters on the Occasion of Wildlife Week Poster Presentation and Participated in Rangoli Compitition	Annasaheb Awate College
3.	Ms. Damase Kanchan	Best Dancer Award	Bhimashankar Karandak 2024-25
4.	Mr. Asawale Darshan	1st Prize at Carrom Compition	Annasaheb Awate College
5.	Ms. Walunj Sakshi Mr. Wayal Shubham Mr. Dhernage Sujal	5th Prize in One - Act Play	Bhimashankar Karandak 2024-25

8. Short Term Course:

Short term course in "Apiculture" was organized 21 F. Y. B. Sc. students enrolled and 17 students successfully completed the course. Theory and practical sessions were organized by the teaching faculty. A visit to apiculture unit was also organized.

9. Others:

Co-curricular activities such as quiz, seminars were organized for students. Innovative methods such as ICT enabled teaching-learning, games, problem-based learning, question-answer session, experiment based were inculcated in teaching by the faculty members.

Mr. S. T. Pokale
Head of Department



National Wildlife Week 2025 Celebration – Hands on training



Rangoli Competition on the Occasion of National Wildlife Week 2025



Educational Tour – Visit at Shivaji University Kolhapur



Excursion Tour – At Naneghat-Daryghat



National day 2025 Celebration – Blood Group, Blood Glucose & blood pressure Checking camp



Participation of Students at College Level Avishkar 2025