

Department of Zoology

Department Profile:

- ✚ Department of Zoology was established in 2010. Currently offering Zoology course at F.Y.B.Sc. and S.Y.B.Sc. Level. It houses nearly 50 students in first year and 40 students in second year classes.
- ✚ Department has spacious and well equipped laboratories with LCD projection system for carrying out practical sessions with power point presentation. Laboratories have enough instruments, equipment's and animal specimens of different phyla as suggested by curriculum.
- ✚ As a part of extra-curriculum Department celebrates different days, Zoo-fest, events related to subject and keep students well aware about Biodiversity.
- ✚ Every year we organizes activities like seminars/workshops to enable the students to interact with conservationist / researchers.
- ✚ Annual visits to renowned fishery Institutions, Laboratories, Zoological Park and Wildlife Sanctuaries to make students to the value of existing biodiversity and the need for wildlife conservation.
- ✚ Every year our department organize Health awareness program like Anaemia Health Camp, BMI testing for girl students.
- ✚ We have opted student centric methods in teaching and learning. Faculty member always creates healthy academic environment and encourage students to participate in intercollegiate competition.

Achievements & Study Visits

- ✚ S.Y.B.Sc students presented “Ekankika” under the guidance of Prof. Mamta Jadhav which was based on the life of Darwin at state level “Vidnyan Ekankika Spardha” organized by Marathi Vidnyan Parishad.
- ✚ **Fascinating world of science:** - On 20th Aug, 2022 Fascinating World of Science was celebrated by all the science departments. A small ppt was presented based on the syllabus topics of the students of SSC standard. Zoology students played their role by participating in the activity and by presenting their topics through poster presentation like evolution, cloning, study of different phylum, surrogacy, IVF, stem cells, etc.
- ✚ **Participation in Marathi Vidnyan Ekankika:** - Total 8 students participated in Vidnyan Ekankika spardha which was organized by Marathi Vidnyan Parishad on 24th, 25th & 26th October 2023.

- ✚ **Bird trail to T. S. Chanakya and Bhandup Pumping Station:** - every year we organizes bird trail. The motto behind the Bird trail is to develop curiosity among students to know about the common birds in their backyard. It is very necessary to have knowledge of our Biodiversity and their values.
- ✚ **Visit to Phansad wildlife Sanctuary:** - One day excursion to Phansad Wildlife Sanctuary, Alibaug on 11 th Feb, 2023 for F. Y.B. Sc. & S. Y. B. Sc students. The main motive of visiting Phansad was to make students to observe different species of animals in their natural habitat.
- ✚ **Visit to Butterfly Garden:** we visit to our campus botanical garden to observe butterflies and birds species.
- ✚ **Science Utsav:** - Science Utsav was organized on 25th February, 2023. Intercollegiate competitions Poster Making, Photography and Sketch me if you Can Competition. Judging done by Prof. Suyash Dikwalkar and Prof. Snehal Patil. Every student did their best in every competition.
- ✚ **Avishkar Research Convention 2022-2023:-** Two groups of students from Zoology department participated in “Avishkar Research Convention 2022-2023” on 21st December, 2022. Research topic was Microbes in Wetland Ecosystem and Impact of Smoking on Passive Smokers. Overall students got a good experience for future research and they gained confidence.

Seminars & Guest Lectures:-

- ✚ **Career guidance lecture** :- Seminar on the topic career in Clinical Research by Dr. Dubey from Clinomic Research Centre on 20th Jan, 2023.
- ✚ **Amphitheatre lecture:** Prof. Mamta Jadhav from Zoology Department had conducted lecture on 10th February 2023, at Amphitheatre. Topic of the lecture was Birding, How to do birding. Students learned what precaution we should have to take before entering into the forest, how to identify exact location of birds clockwise, how to use binocular, how to control excitement when we get new bird species.
- ✚ **Guest lecture by Nikhil Bhopale** :- Department of Zoology had organized a guest lecture on “Awesome Facts about Birds” by Mr. Nikhil Bhopale, Founder and Managing Trustee, Green Works Trust. Guest lecture was conducted in Seminar hall at 10:00am on 27th February, 2023. Mr.

Bhopale explained unique features of birds, amazing behaviour of birds, nest building skills of birds and also some surprising facts of birds.

Future Plan:

- ✚ To improve the student's personality and confidence we organizing PPT presentation for students.
- ✚ To provide opportunity for improving their skills and talent by participating into Vidnyan Ekankika, Zoo Fest and poster competition etc.
- ✚ To improve the strength of students and addition of new teaching strategies for creating interest in the minds of students for Zoology.
- ✚ To make students aware about career opportunities in Zoology.
- ✚ To make students to participate in census programme of birds.
