

## Department of Botany

### Department Profile:

- ✚ Department of Botany was established in 2010. Currently offering Botany course at F.Y.B.Sc Level. It houses nearly 80 students in first 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, equipments.
- ✚ Every year we organizes activities like seminars/workshops to enable the students to interact with conservationist/researchers.
- ✚ 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:

- ✚ **Fascinating world of science:** - On 20<sup>th</sup> Aug, 2022 Fascinating World of Science was celebrated by all the Science Departments for school students of near Chembur area. Students from different Schools- Kumud Vidya Mandir, RST Madhyamik Vidyalaya, Chembur High School had attended the workshop. Botany students played their role by participating in the activity and by presenting their topics through Experiment based on Angiosperms- Morphology of flowers, Slide of Spirogyra and Economic Importance of Algae, Advantages of Fungi/ Evolution in plants/ Best from Kitchen Waste, Models & Power point presentation on different types of Insectivorous plants, Charts on Pollination in plants & its types, Slide of stomata from leaf section was also shown/ Mitosis/ Herbal Cosmetics
- ✚ **Excursions to Jitamata Udyan Ranibagh, Byculla:** - One day excursions to Jitamata Udyan Ranibagh, Byculla, on 25<sup>th</sup> October 2023. The main motive of visiting 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 plant species.
- ✚ **Science Utsav:** - Science Utsav was organized on 25th February, 2023. Intercollegiate competitions Fruit Ninja and Herbal Tea Competition. The guest honour was Dr. Vidyagauri Lele. Judging done by Prof. Vidya Sawant. Every student did their best in every competition.

- ✚ **Avishkar Research Convention 2022-2023:-** Students from Botany department participated in “Avishkar Research Convention 2022-2023” on 21st December, 2022-23. Research topic was Assessment of Air Pollution Tolerance Index of Plants. Overall students got a good experience for future research and they gained confidence.
- ✚ **Eco-friendly Rakhi making Competition 2022-2023:-** Department of Botany has organized Eco-friendly Rakhi Making Competition on 12<sup>th</sup> August, 2022-23. Students showed their creative work by using materials like leaves, pulses and many more materials easily available at home.

## Seminars & Guest Lectures:-

- ✚ **Amphitheatre lecture:** Prof. Margshree Bhat from Botany Department had conducted lecture on 03<sup>rd</sup> February 2023, at Amphitheatre. Topic of the lecture was “Tree Hunt Competition, As a “Best Practices”. To enable students to gain information of all plants in college campus giving them chance to connect with nature in the hope that this interaction will increase their awareness and appreciation towards the environmental issues.
- ✚ **Guest lecture by Environmental consultant Smt.Rashmi Joshi:-** Department of Botany had organized a guest lecture on “Seed Balls Making” by Smt. Rashmi. Joshi, Environmental Consultant. Guest lecture was conducted in Botany Lab at 10:00am on 21<sup>st</sup> April, 2023. Explained the uses of Seed Balls and their importance in contributing towards green and healthy environment.

## Future Plan:

- ✚ To improve the student’s personality and confidence we are organizing PPT presentation for students.
- ✚ To provide opportunity for improving their skills and talent by participating competition etc.
- ✚ To improve the strength of students and addition of new teaching strategies for creating interest in the minds of students for Botany.
- ✚ To make students aware about career opportunities in Botany.
- ✚ To make students to participate in census programme of plants.

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