

Department of Zoology

Ornamental Fish Culture

2023-24

The Department of Zoology conducted an additional skill acquisition programme, on Ornamental Fish Culture in the academic year 2023-24. The programme aimed at equipping the fifth semester BSc. (Zoology) students, with knowledge of Marine and Fresh Water ornamental fish culture. Students were provided with hands-on training on various activities which ensured the uninhibited participation of students.

The number of participants in the academic year 2023-24 was 35. The training was imparted to the sixth-semester students.

The highlight of the programme was the thrust given on the enhancement of trial-based activities, the grasp of the students in the Programme was enhanced through hands-on training activities like aquarium setting, fish larvae rearing and live feed culture. The course modules were designed by the faculty members of the Department of Zoology. An additional module on the economic benefits of Ornamental fish culture was added this year. It was enabled through a combination of lectures as well as through visits of students to local aquarium fish shops. Group and pair activities, mostly interactive by nature, were assigned as required.

The students were evaluated, after each activity, based on their performance of the various tasks given. Their knowledge in the subject such as identification of the species of marine and fresh water ornamental fishes were tested. Their capacity to identify various fish diseases were tested through written and practical exams. Based on the feedback of the students the course was very effective and was a method of generating additional income after their graduation.

The course had a duration of 30 hours. A written examination was conducted after the completion of the course. Grades were awarded on the following basis:

80% and above- A Grade

70 - 79% - B Grade

60 -69% - C Grade

50-59% - D Grade

40-49% - E Grade

Classes were engaged by Dr. Rohini Krishna M V of the Department of Zoology. Out of the 35 students who enrolled in the course all students 34 secured A Grade and 1 student rolled out.

Course outcomes:

CO.1. Acquiring knowledge of ornamental fish production and aquarium keeping.

CO.2. Develop entrepreneurship on ornamental fish breeding and rearing.

CO.3. Getting hands-on exposure to students on various aspects of ornamental fish farming.

CO.4. Makes students able to identify commonly used aquarium fishes.

CO.5. Develops students' ability to construct aquariums with innovative designs.

CO.6. Develop an insight into the mechanical equipment used along with the aquarium.

CO.7. Develops student's ability to identify the major disease by merely noticing symptoms.

CO.8. Develop the ability to breed fish in a controlled environment.

CO.9. Develop knowledge in maintaining marine aquariums.

CO 10. Make them self-sufficient to maintain ornamental fish farms.