



Islamiah College (Autonomous)
Vaniyambadi - 635 752



Report on

FIELD VISIT TO
ORNAMENTAL AQUA FARM, CHENNAI

Organized by



PG & RESEARCH
DEPARTMENT OF BIOTECHNOLOGY

20.02.2023

Dr. M.A. Farook
Co-ordinator
Assistant Professor
Department of Biotechnology

Background of the Field visit

PG and Research Department of Biotechnology aims to endow the students with extraordinary skills of life making them not just job seekers but job creators. We equip our students with experiential learning by taking Biotechnology and Allied Students to various field visits to get in sighted into the applications of Biotechnology every year.

As a part of their curriculum, this year our II B.Sc. Chemistry and Biochemistry Students were taken in to Sericulture farm for enhancing their experiential learning in the domain of sericulture in the presence of the Head of the Department and staff members.

Executive summary of the visit

There were 26 students accompanied by **Dr. H. Abdul Jaffar Ali**, Head, Department of Biotechnology along with **Dr. M.A. Farook** Assistant Professor of Biotechnology. Students assembled at the College premises at 5.00 am on 20.02.2023 and proceeded to Chennai. The students and staff members visited Aqua Farms and Aquariums in Chennai.

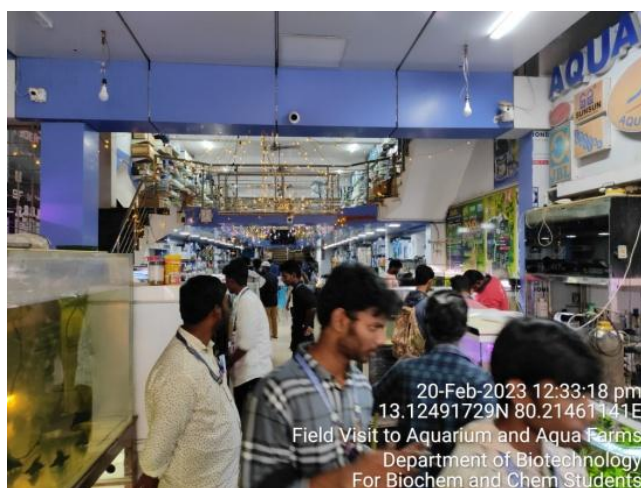
SoP for Covid 19 pandemic laid down by the Government of Tamilnadu was strictly followed during the visit.

Visit to Aquarium Shops

As per the Syllabus of Allied course – Economic Zoology, the Students of II B.Sc., Biochemistry and II B.Sc., Chemistry were taken to Aqua farm, Chennai on 20.02.2023. They visited various ornamental fish hatchery and rearing centres and also visited ornamental fish market.

Ornamental fish culture also known as aquaculture is the culture of attractive, colorful fishes of peaceful nature in confined aquatic systems. Ornamental fishes are also called as "living jewels". Ornamental fish hobby gives pleasure to young and old people. Relaxation to the mind. Keep blood pressure at normal level. Increases life span. Children could develop sense of attachment with nature. An ornamental fish like Arowana is believed to bring good luck, wealth and prosperity. Ornamental fish keeping can make hobbyists to start their own farms in due course of time thus create self employment opportunities.

On our arrival at Kolathur, the Aqua farm and Aqua Shop owner **Mr. Ravi** warmly welcomed us. He had taken time off his busy schedule to arrange entire visit of Kolathur Fish market and Ornamental Fish Farms. The students and staff members visited numerous fish shops and all the students were taken to fish farm near to Retteri Junction. Students were given a complete knowledge and live experience about Ornamental Fish Culture Technique, Rearing Facilities, Trading Opportunity, importance of live feeds, recent developments in aquarium accessories and viral outbreak in Ornamental fishes through in his vast experience.



Field visit to Aqua farm – Chennai

Ornamental fish keeping and its propagation has been an interesting activity for many, which provide not only aesthetic pleasure but also financial openings. Indian waters possess a rich diversity of ornamental fish, with over 100 indigenous varieties, in addition to a similar number of exotic species that are bred in captivity. Among the indigenous and exotic freshwater species, the varieties having good demand can be bred and reared for commercial purpose. Species that can be produced easily and popular as commercial varieties are coming under egg-layers and livebearers.





Visit to Chennai Snake Park

After ornamental farms visit Students are taken to Chennai Snake Park, is the first snake park in India and so it is one of the most prominent ones. Famed as the Guindy Snake Park or Madras Snake Park, this park was established in 1972 by Romulus Whitaker. This snake park is home to 29 snake species like a saw-scaled viper, reticulated python, kukri snake, Indian rock python, Russell's viper, krait, red sand boa, Indian rat snake, dog-faced water snakes, sand boa, and cat snake. Chennai Snake Park also has various species of tortoises, crocodiles and Indian Lizards.

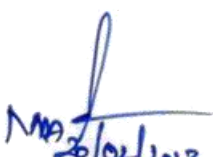
An inspiring museum displaying the specimens of reptiles and amphibians is another interesting feature of the Guindy Snake Park.

It also displays reptiles like Gharial, Slider Turtle, Rock Lizard, Green Iguana, Indian flapshell Turtle, Siamese Crocodile, Spectacled Cobra, dog-faced water snake, common vine snake, common cat snake, Olive keelback, Common Wolf Snake, Common Sand boa, Indian Rock Python and Whitaker's Boa.



At the end of the tour we reached our college at 10.00 pm on 20.02.2023.

We express our sincere thanks to the management and particularly respected secretary and correspondent Janab L.M. Muneer Ahmed and respected Principal Dr. T. Mohamed Ilyas for their unflinching support and constant encouragement. We thank profusely Regional Joint Director and Collegiate Education, Vellore, for the graceful permission for conducting the educational tour programme successfully.


Co-ordinator

Dr. M.A. FAROOK, M.Sc., Ph.D.
Assistant Professor
Department of Biotechnology
ISLAMIAH COLLEGE (Autonomous)
Vaniyambadi-635 752.Tpt. Dist.T.N.


Head

HEAD
DEPARTMENT OF BIOTECHNOLOGY
ISLAMIAH COLLEGE (AUTONOMOUS)
VANIYAMBADI-635 752.


Principal

PRINCIPAL
ISLAMIAH COLLEGE (AUTONOMOUS)
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