



**ST. XAVIER'S COLLEGE,
MAPUSA GOA**

College with Potential for Excellence
Reaccredited by NAAC with A Grade
Awarded DBT STAR College Scheme

Nature of Event (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Field visit
Name of Department	Botany
Faculty In charge	Ms. Sabina M. Sales e Dias
Stratum of Event (College, State, Regional, National)	College
Title of Event	Field trip to ICAR-CCARI (Central Coastal Agricultural Research Centre)
Date of Event	21 st May 2022
Venue	ICAR-CCARI (Central Coastal Agricultural Research Centre, Old Goa)
Resource Person details	Dr. Vijay D'souza (Senior Research Fellow), Mr. Edward Castro (Field Assistant) and Ms. Sulakshana (lab in charge).
Objective/Scope of Event	The main objective of the field trip was to acquaint the students to the agriculture institute, research work carried out and various facilities provided.
Particulars of Event	The S.Y.B.Sc Students were shown the local and hybrid varieties of mango (<i>Mangifera indica</i>), spice plants, fodder plants and other plants. They also visited the fishery ponds, aquariums and Aquaponics system which is an innovative technique. Students also saw various animal units like piggery units, two varieties of rabbits namely <i>Sapphire Chinchilla</i> and New Zealand white. Japanese quails and poultry farms. They also visited the laboratory where soil sample testing is done. Ms. Sulakshana briefed the students about the different techniques used to study the chemical, physical and biological parameters of soil.
Outcome of Event	Students were enriched with information on different types of plants and animals. Ms. Sulakshana showed the students how analysis of pH, electrical conductivity is done and also to measure soluble salts present in the soil. Various testing machines like Nitrogen analyzer, flame photometer, water purifier were introduced and along with their functioning.

Feedback

The students enjoyed the trip, saw new instruments, learnt some new techniques and gained knowledge and information on plants.

Total No. of Participants

31

Photographs

