



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

College with Potential for Excellence
Re-accredited by NAAC with A Grade Awarded
DBT STAR College Scheme

Nature of Event (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Workshop
Name of Department	Botany
Faculty In charge	Ms. Sabina M. Sales e Dias
Stratum of Event (College, State, Regional, National)	College
Title of Event	Training for Laboratory staff
Date of Event	5th July 2022
Venue	Botany laboratory
Resource Person details	Mr. Hemal Makani, Engineer from Bioera.
Objective/Scope of Event	To demonstrate the operation and use of laboratory equipment
Particulars of Event	Four instruments namely spectrophotometer, filtration unit, pH meter and mini BOD incubator was procured from the DBT funds. Mr. Hemal first explained and demonstrated the working of the vacuum filtration unit, its maintenance and care. He then gave a detailed explanation of the spectrophotometer and showed how to take OD reading using a sample, how the standard curve can be plotted which can be seen on the screen and also saved. Mr. Hemal then demonstrated the pH meter. He tested the pH using buffer solution and checked the pH of distilled water. He also showed the working of the BOD incubator.
Outcome of Event	The laboratory staff was trained in handling the various instruments. They were also briefed about the maintenance and care of the instruments.
Feedback	The laboratory staff were satisfied with the knowledge gained in handling the various instruments and were also happy to know about the maintenance and care of the instruments.
Total No. of Participants	4

Photographs

