



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	Chemistry
Faculty Incharge	Ms. Sheryl D'Cruz
Stratum of Event (College, State, Regional, National)	College
Title of Event	Interdepartmental (Chemistry and Physics) workshop on working of analytical instruments
Date of Event	19 th March, 2022
Venue	Physics Laboratory
Resource Person details	Dr. Vaishali Gaonkar, Assistant Professor, Department of Physics
Objective/ Scope of Event	XRD, UV and IR are used extensively in the Analytical analysis. It is important that students not just learn to use the instrument but also be aware of their underlying principles including how the electrical circuits work.
Particulars of Event	The generation of X rays, diffraction, Bragg's Law, Beer Lambert's Law were thoroughly explained by Dr. Vaishali to help students to understand how the instruments work.
Outcome of Event	The students enjoyed having a hands-on experience on how sensors actually function
Feedback	It was an enriching and educative session

Total No. of Participants

80 students

Photographs

