



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

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

<b>Nature of Event</b> (Workshop, Guest Lecture, Add on Course, Seminar, etc.)	Training for Students
<b>Name of Department</b>	Chemistry
<b>Faculty Incharge</b>	Ms. Shivta Mhamal Ms. Milagrina D'Souza
<b>Stratum of Event</b> (College, State, Regional, National)	College
<b>Title of Event</b>	Hands-on Training on sophisticated Instruments and Introduction to Computational Chemistry and Data Science: UV-Visible Spectroscopy.
<b>Date of Event</b>	30 <sup>th</sup> April 2022
<b>Venue</b>	Instrumentation Hub, St. Xavier's College, Mapusa-Goa
<b>Resource Person details</b>	Dr. Rita Jyai, Assistant Professor, St. Joseph Vaz College, Cortalim-Goa
<b>Objective/ Scope of Event</b>	To promote academic excellence amongst the students and enhance their analytical skills that would further help them to work as skillful and confident Chemist in Companies.
<b>Particulars of Event</b>	In an interactive session, Dr. Rita explained to the participants about UV-Visible spectroscopy- principle and applications and an overview of the instrumentation of the spectrophotometer. This was followed by demonstration session wherein students recorded the UV-Vis spectra of Transition metal salts, their prepared complexes and of organic compounds. Dr. Rita addressed the doubts and queries from the participants.
<b>Outcome of Event</b>	Preparative hands-on session for students on sophisticated instrumentation having important applications towards their future academic and industrial careers.
<b>Feedback</b>	Good as it was very informative and helped the students improve their analytical skills.

Total No. of Participants

29

Photographs



