



## 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.)	Bridge Course
<b>Name of Department</b>	Microbiology
<b>Faculty Incharge</b>	Ms Ursula Barreto
<b>Stratum of Event</b> ( College, State, Regional, National)	College
<b>Title of Event</b>	"Chemistry and Mathematics essential for biologists"
<b>Date of Event</b>	16 <sup>th</sup> August 2022 to 21 <sup>st</sup> February 2023
<b>Venue</b>	Classroom 212/Micro Lab St. Xavier's College, Mapusa
<b>Resource Person details</b>	Dr. Zen Lobo, Assistant Prof., Dept of Mathematics, St. Xavier's College, Mapusa  Ms Flavia Travasso, Assistant Prof., Dept of Chemistry, St. Xavier's College Mapusa
<b>Objective/ Scope of Event</b>	To reinforce concepts in Chemistry & Mathematics
<b>Particulars of Event</b>	The Course comprised of two modules .Chemistry module: Range of pH scale, Acidic/Basic solutions and pH, Molarity, Normality, Equivalent weight, Deionised water, molar solutions, percent solutions, saturated solutions, standard solutions. Mathematics : Straight Line graphs, Concentration Volume and Amount, Changing Units- milligram to microgram, litres, millilitres to microlitres, Serial dilutions(n fold dilutions), Graphs that are not straight lines and Log graphs . Test at end of session.
<b>Outcome of Event</b>	Participants understood basic concepts . Managed calculations required for regular practicals with minimal errors.
<b>Feedback</b>	Good. Course was helpful .

Total No. of Participants

57

Photographs





 **GPS Map Camera**

**Mapusa, Goa, India**

House # 9/503 N, Casa Neelima, Duler-Marna-Siolim Rd, near  
St. Xavier's College, Mapusa, Goa 403507, India  
Lat 15.597913°