



ST. XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

Name of Activity	Value Addition Course 'Production & Packaging of Bioenzyme for Community Utilization'
Date/ Duration	12/8/2024 to 21/9/2024
Venue	St Xavier's College
Name of organizing Department/Cell	Microbiology Department
In collaboration with	DBT
Name/s of Faculty Co ordinator	Ms. Arina Frank
Stratum of Event	College
Name & details of Resource Person/s if any	Ms. Arina Frank

<p>Report</p>	<p>Objectives: The students had to prepare citrus based bioenzymes to be used as floor cleaners and distribute it free of cost to community. They had to organize awareness events for community distribution of the bioenzyme.</p> <p>Brief description: Students had to work in batches of 8 each and prepare lime or Orange based bioenzyme on a large scale. They monitored the fermentation of the same and processed and packaged it in bulk quantities of 5 lts. The product was distributed to the following places- G.S Amonkar Vidhyalaya, Mapusa, St. Xavier's Higher secondary School, Mapusa, St Xavier's College Canteen, Government Veterinary Centre, Assagao, Parish Church Pilerne, Government Primary School, Sirsaim, St. Xavier's College House keeping force.</p> <p>Outcomes: Students had hands on learning using waste peels, they worked in groups and learnt team dynamics, they created awareness about the importance of this easy to make product and explain the benefits over commercially available cleaning products. They experienced the 'Joy of Giving'</p> <p>Number of beneficiaries- 67 students</p>
<p>Brochure/Poster</p>	<p>https://xavierscollegegoa.ac.in/wp-content/uploads/2024/10/Brochure-BIOENZYME-Activity-2024.pdf</p>
<p>Photographs</p>	<p>https://xavierscollegegoa.ac.in/wp-content/uploads/2024/10/photographs-Bioenzyme.pdf</p>
<p>List of participants with signatures</p>	<p>https://xavierscollegegoa.ac.in/wp-content/uploads/2024/10/Registration-bioenzyme.pdf</p>
<p>Certificate</p>	<p>https://xavierscollegegoa.ac.in/wp-content/uploads/2024/10/Certificate-Bioenzyme-Value-added-Course-test.pdf</p>