



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

**Report of Activity conducted in the Academic Year 2025-25**

<b>Name of Activity</b>	Value Added Course <i>“Preparation and Evaluation of Liquid Biofertilisers using Indian Knowledge Systems”</i>
<b>Date/ Duration</b>	8rd December 2025 to 18th February 2026
<b>Venue</b>	Microbiology Laboratory, St. Xavier's College
<b>Name of organizing Department/Cell</b>	Dept. Of Microbiology
<b>In collaboration with</b>	
<b>Name/s of Faculty Co ordinator</b>	Ms. Arina Frank
<b>Stratum of Event</b>	College
<b>Name &amp; details of Resource Person/s if any</b>	N/A
<b>Report</b>	<p>The course aimed to integrate traditional agricultural practices with modern scientific evaluation, providing hands-on exposure to sustainable biofertiliser production.</p> <p>Students prepared formulations such as Jeevamrut, Kunapajala, Panchagavya, Krishidhara, and Beejamrit. These were evaluated for physicochemical parameters (pH, odor, consistency) and functional efficiency through seed germination tests and pot trials against controls. Student were encouraged to maintain logs documenting preparation methods, observations, plant growth results. The prepared product was labelled and sold to encourage entrepreneurship.</p> <p>The course enabled students to understand traditional formulations, develop practical skills, and analyze experimental data. It also strengthened teamwork, documentation, and critical thinking abilities. Additionally, students labeled and sold their products, gaining basic entrepreneurial exposure.</p>
<b>Brochure/Poster</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/04/poster-of-Value-Added-Course-Preparation-and-Evaluation-of-Liquid-Biofertilisers-using-Indian-Knowledge-Systems.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/04/poster-of-Value-Added-Course-Preparation-and-Evaluation-of-Liquid-Biofertilisers-using-Indian-Knowledge-Systems.pdf</a>
<b>Photographs</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/04/Images-of-Value-Added-Course-Preparation-and-Evaluation-of-Liquid-Biofertilisers-using-Indian-Knowledge-Systems.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/04/Images-of-Value-Added-Course-Preparation-and-Evaluation-of-Liquid-Biofertilisers-using-Indian-Knowledge-Systems.pdf</a>

<b>List of participants with signatures</b>	N/A
<b>Certificate</b>	N/A