



## ST. XAVIER'S COLLEGE, MAPUSA GOA

### Report of Activity conducted in the Academic Year 2024-25

<b>Name of Activity</b>	Industrial Visit- Field Trip
<b>Date/ Duration</b>	21 <sup>st</sup> October 2024/ 10 a.m. to 1 p.m.
<b>Venue</b>	Susegado Microbrewery, Calangute-Goa
<b>Name of organizing Department</b>	Department of Microbiology
<b>In collaboration with</b>	NA
<b>Name/s of Faculty Co ordinator</b>	Ms Ruella Dsouza, Dr. Valerie Gonsalves, Dr. Trelita de souza
<b>Stratum of Event</b>	College
<b>Name &amp; details of Resource Person/s if any</b>	Mr Aditya Challa, Master Brewer.
<b>Report</b>	<p>The Third Year students studying Industrial Microbiology have an industrial visit as part of practical syllabus, the objective of the same is to broaden their understanding of the subject and to integrate theory with practical knowledge. Further, the students are able to witness first-hand the career opportunities available to them in the field and make an informed choice.</p> <p>The visit enabled the students to witness the scale of fermentation carried out in the process of making Ales, lagers, and beers, including IPAs, stouts, and seasonal brews. The students observed the equipment used for mashing, boiling, fermenting, and conditioning the finished product. Mr Aditya Challa, owner and master brewer at Susegado, informed them that the main raw ingredients for beer production includes malted barley, hops, water, and yeast. Top and bottom fermenting yeast are used in the process and the temperature control via heat exchangers was seen. Huge 2000 liter stainless steel vats with their valves , connecting pipes, and relevant information of the process was seen.</p> <p>The students were then shown samples of the pale malt, roasted malt, hops and caramelized malt and further walked through the brewing process by Shweta and Bharat who are brewers at Susegado.</p> <p>The outcome of the visit was fruitful and very informative with 54 students being granted an insight into the step by step process of brewing and its merits along with a detailed question and answer session with the master brewer himself and his trainees.</p>

<b>Brochure/Poster</b>	NA
<b>Photographs</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Photo.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Photo.pdf</a>
<b>List of participants with signatures</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Attendance.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Attendance.pdf</a>
<b>Certificate</b>	NA