



ST. XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

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| Name of Activity | Field trip for the students of T.Y.B.Sc Biotechnology. |
| Date/ Duration | October 4 th 2024 |
| Venue | Goa Dairy, Curti, Ponda, Goa |
| Name of organizing Department/Cell | Department of Biotechnology in collaboration with Department of Microbiology |
| In collaboration with | |
| Name/s of Faculty Co ordinator | Mr. Kamlesh Korgaonkar |
| Stratum of Event | College |
| Name & details of Resource Person/s if any | - |
| Report | <p>The primary objective of this visit was to observe and study processes involved in milk production, packaging and quality control. Mr. Uday, the QCO, briefly explained the processes involved at the plant. In the quality control laboratory, physical tests, such as checking the colour and smell, are performed to assess the milk's sensory attributes. Chemical tests, including the Gerber test and the CLR method, are used to determine the fat content and overall quality of the milk. Microbiological tests, such as the MBRT and phosphatase tests, are carried out to ensure the absence of harmful bacteria. The dairy plant also maintains stringent hygiene standards, implementing regular cleaning procedures and adhering to FDA regulations. The field trip to Goa Dairy provided students with a valuable opportunity to understand the complex processes involved in milk production and quality assurance.</p> |
| Brochure/Poster | - |
| Photographs | https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/WhatsApp-Image-2024-10-19-at-4.56.53-PM.pdf |
| List of participants with signatures | https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Attendance-Goa-Dairy-Field-Trip.pdf |
| Certificate | - |

