



ST. XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2026-27

Name of Activity	Field Trip Visit to Goa University Research and Innovation Unit (GURU)
Date/ Duration	30th September 2026, 10:00 AM – 12:00 PM
Venue	Goa University Research and Innovation Unit (GURU), Goa University, Taleigao
Name of organizing Department/Cell	Department of Biotechnology
In collaboration with	
Name/s of Faculty Co ordinator	Dr. Larissa Menezes, Mr. Vishal Mardolkar
Stratum of Event	Departmental
Name & details of Resource Person/s if any	Professor Sandeep Garg, Head of the Postgraduate Department of Microbiology and In-charge of GURU
Report	The Department of Biotechnology, St. Xavier's College, Mapusa, organized an educational field visit to the Goa University Research and Innovation Unit (GURU), Goa University, on 30th September 2026 for 28 Third Year B.Sc. Biotechnology students accompanied by two faculty members. The visit aimed to familiarize students with advanced research facilities, incubation centres, and innovation-driven infrastructure. The students were guided by Professor Sandeep Garg, Head of the Postgraduate Department of Microbiology and In-charge of GURU, who explained the functioning and applications of the various facilities. The unit comprises three sections: Health Incubator, Bioincubator, and IT Incubator. The Health Incubator showcased advanced analytical instruments, including FTIR, ICP-MS, GC-MS, CHNSO analyser, ultrasonicator, and freeze dryer, highlighting their applications in biological, environmental, pharmaceutical, and food research. The Bioincubator featured microbiology and biotechnology laboratories equipped with biosafety cabinets, BOD incubators, fluorescence microscopy, LC-MS, ELISA reader, and other essential equipment. Students also learned about dedicated startup cabins supporting research, product development, and innovation.

	The IT Incubator demonstrated 3D printers, work cubicles, and digital collaboration facilities that support technology-based startups. Another major highlight was the Eaton High Computation Facility, where students learned about high-performance computing, complex data analysis, and specialized cooling systems. The group also visited the conference room, where an interactive smart board was demonstrated. The 90-minute interaction with Professor Garg provided valuable insights into modern research instrumentation, startup incubation, and interdisciplinary innovation. Overall, the visit was informative and enhanced students' understanding of emerging opportunities in biotechnology, scientific research, entrepreneurship, and technology development.
Brochure/Poster	NA
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2026/10/images-of-Field-Trip-Visit-to-Goa-University-Research-and-Innovation-Unit-GURU.pdf
List of participants with signatures	https://xavierscollegegoa.ac.in/wp-content/uploads/2026/10/attendance-sheet-of-Field-Trip-Visit-to-Goa-University-Research-and-Innovation-Unit-GURU.pdf
Certificate	NA