



ST. XAVIER'S COLLEGE, MAPUSA GOA

College with Potential
for Excellence Re
accredited by NAAC
with A Grade Awarded
DBT STAR College
Scheme

Nature of Event (Workshop, Guest Lecture, Addon Course, Seminar, etc.)	Student activity
Name of Department	Microbiology
Faculty Incharge	Ms Arina Frank and Ms Ruella D'Souza
Stratum of Event (College, State, Regional, National)	State
Title of Event	Field Trip
Date of Event	20 th May 2022
Venue	Sewage Treatment Plant located at Tonca- Goa
Resource Person details	Junior Engineer, STP
Objective/ Scope of Event	To provide an experience of learning outside the classroom; on field study. To reinforce concepts.
Particulars of Event	The students were first given a virtual tour of the entire setup by the engineer, using a scale model located in the lobby of the STP, and then proceeded on a walkthrough of the entire facility. They were informed that this plant treats the sewage and rain water runoff of the capital city and surrounding areas. The plant has 3 stages, namely Primary, Secondary and Tertiary Treatment. The raw sewage is first mechanically screened of plastic and grit followed by removal of oil and grease. The water and sludge is then moved to the distribution chambers where it is aerated, then allowed to sediment and then decanted. The clear water is then chlorinated in large chlorination tanks and further released in to the Mandovi River. The sludge obtained is dried and provided as fertilizer to the public. The entire process is automated and control is maintained by checking important

Outcome of Event	Students enjoyed the new and unique learning experience that is not available in the classroom setting. They had an on-site idea of sewage treatment.
Feedback	Good learning experience
Total No. of Beneficiaries	20
Photograph	

