



ST. XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

Name of Activity	Talk titled " Innovative Sustainable Technology"
Date/ Duration	07 th March 2025 @ 11.15 a.m.
Venue	Botany Laboratory, Department of Botany, St. Xavier's College, Mapusa, Goa
Name of organizing Department/Cell	Department of Botany
In collaboration with	
Name/s of Faculty Co ordinator	Dr. Maria A. D'Souza
Stratum of Event	College
Name & details of Resource Person/s if any	Mr. Ganesh Chari MD and Founder Neshaju Envirotech Pvt. Ltd., Bengaluru
Report	<p>The talk titled 'Innovative Sustainable Technologies' was organized by the department of Botany in the Botany Laboratory. A total of sixty four participants including students from F.Y.B.Sc, S.Y.B.Sc, T.Y.B.Sc, and faculty members attended the talk. The resource person Mr. Ganesh Chari introduced the concept of Innovative Sustainable Technologies to the audience. The students were made aware of the various areas/topics where sustainability could be achieved. He enlightened the students on Environmental Biotechnology, Sustainable agriculture, the use of Biopesticides, Renewable sources of energy, Marine Biotechnology, Industrial Biotechnology. The talk covered various aspects such as Biohydrogen, Bioremediation, Waste management and how genetic engineering has been used to have sustainable agriculture. He encouraged the use of bioplastics which is now going to be the need of the hour. He motivated the students by citing examples of his own innovations made in his laboratory by his team such as extraction of lithium from battery, bioethanol extraction from plant sources and production of Bioelectricity. The talk also provided valuable insights into the various career paths available, including research, academia, and industry. He put forth to the students not to get lured by the red economy but get more interested in the blue economy. They should avail scholarships and be more inclined towards taking up future research in the field of sustainable technologies. Students were asked for the feedback through which they expressed their insights as to how the talk had motivated them. As a token of appreciation, the resource person was presented with a potted plant.</p>
Brochure/Poster	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/03/talk.pdf

Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/03/1-6.pdf
List of participants with signatures	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/03/ilovepdf_merged-3.pdf
Certificate	Nil