



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, Add-on Course, Seminar, etc.)	Educational Field Trip
Name of Department	Chemistry
Faculty In-Charge	Ms. Shivta T. Mhamal, Ms. Sheryl D'Cruz and Ms. Flavia Travasso
Stratum of Event (College, State, Regional, National)	College
Title of Event	Educational Trip to Kaiga Nuclear Plant"
Date of Event	2 nd of September, 2023.
Venue	Kaiga Nuclear Plant, Kaiga, Karwar
Resource Person details	Scientists at Kaiga Nuclear Plant
Objective/ Scope of Event	To enable students to practically witness what they learn in theory
Particulars of Event	<p>The Department of Chemistry, St. Xavier's College, Mapusa-Goa, organised an educational visit to the Kaiga Nuclear Plant, Kaiga, for the Final year Chemistry students on the 2nd of September, 2023.</p> <p>The visit was coordinated by Ms. Sheryl D'Cruz Ms. Shivta T. Mhamal, and Ms. Flavia Travasso, Assistant Professors, Department of Chemistry. Situated in the vicinity of the magnificent Kadra Dam, the Kaiga Nuclear Plant has 04 Units, each of them generating 220MWe of power and classified as a Pressurised Heavy Water Reactor. After being provided a tour of the campus and explained the in-detail working of the Power Plant, we were provided a visual treat of the <i>Simulator Room</i>, where we got to see the different coloured panels signifying the different units and demonstrated how in times of emergency the reactor has to be tripped.</p> <p>All this was made possible with the constant support of the Diocesan Society of Education, the Principal, Prof. Blanche</p>

	Mascarenhas and the Administrator, Fr. Tony Salema.
Outcome of Event	It was enlightening to learn that a concept such as Nuclear energy, so often shrouded with a danger element, has nothing to be afraid of. A lot of safety measures taken ensures that human life is protected and the truth remains as envisaged, 'Nuclear Energy is inevitable'
Feedback	It was an exhilarating and irradiating experience where participants had a practical feel to the theoretical knowledge

Total No. of Participants	A total of 76 students and 09 accompanying teachers from the Undergraduate and Post Graduate section

Photographs

