



**ST.XAVIER'S COLLEGE, MAPUSA GOA**

**Report of Activity conducted in the Academic Year 2024-25**

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| <b>Name of Activity</b>                               | Educational tour to the Kaiga Nuclear Power Plant, Karwar   |
| <b>Date/Duration</b>                                  | 21 <sup>st</sup> February, 2026   |
| <b>Venue</b>  | Kaiga Nuclear Power Plant, Karwar   |
| <b>Name of organizing Department/Cell</b>             | Department of Chemistry   |
| <b>In collaboration with</b>                          |   |
| <b>Name/s of Faculty Coordinator</b>                  | Ms. Sheryl D'Cruz   |
| <b>Stratum of Event</b>                               | A One-day educational tour to the Kaiga Nuclear Power Plant, Karwar.  |
| <b>Name &amp; details of Resource Person/s If any</b> | Dr. Aldrin D' Souza and Mr. Satish  |
| <b>Report</b>   | <p>The Department of Chemistry, St. Xavier's College, Mapusa Goa, organized a visit to the Kaiga Nuclear Power Plant on the 21st of February 2026, with the aim of bridging theory with practical component.</p> <p>On arriving at the site, we were escorted to the Layout model of the Kaiga Nuclear plant which has a total of 4 Nuclear reactors while two more are in the process of being constructed.</p> <p>We then proceeded to the auditorium where Mr. Satish, Engineer explained the principle and working of the nuclear reactor, how is energy harnessed, the precautions taken and put forth the resounding truth that nuclear power is Save energy and green energy. He addressed the current and future status of the reactor. Thereafter the students were briefed on how the reactor supplies electricity to the neighboring areas. A lot of insightful information was shared and myths busted. He convincingly replied to all the queries put forth by the students.</p> |

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|   | <p>A fully automated model demonstrated the complete working of the reactors.</p> <p>After a scrumptious meal our next destination was the simulator room where the students were explained the technicalities involved of how the reactors are controlled. Students were also informed about the requirements of employment at their esteemed organization</p> <p>A total of 33 Under-graduate students of Chemistry and Physics and 04 faculty undertook this visit.</p> <p>The accompanying faculty were Prof. Nelson Lobo, Dr. Manoj Salgaonkar, Mr. Mahesh Nair and Ms. Sheryl D'Cruz.</p> |
| <b>Brochure/Poster</b>                      | NA  |
| <b>Photographs</b>                          | <a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Photos-of-Educational-tour-to-the-Kaiga-Nuclear-Power-Plant-Karwar.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Photos-of-Educational-tour-to-the-Kaiga-Nuclear-Power-Plant-Karwar.pdf</a>   |
| <b>List of participants With signatures</b> | <a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/List-of-participants-of-Educational-tour-to-the-Kaiga-Nuclear-Power-Plant-Karwar.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/List-of-participants-of-Educational-tour-to-the-Kaiga-Nuclear-Power-Plant-Karwar.pdf</a>   |
| <b>Certificate</b>                          | NA  |