



ST. XAVIER'S COLLEGE, MAPUSA GOA
Report of Activity conducted in the Academic Year 2025-26

Name of Activity	Study Tour organized by the Department of Physics
Date/ Duration	12 th to 17 th November 2025
Venue	Indian Institute of Astrophysics (IIA) and the Raman Research Institute (RRI) - Bengaluru
Name of organizing Department/Cell	Department of Physics
In collaboration with	
Name/s of Faculty Co ordinator	Mr Pradeep Morajkar(Organizer and Coordinator) Dr Manoj Salgaonkar(coordinator)
Stratum of Event	College level
Name & details of Resource Person/s if any	Indian Institute of Astrophysics (IIA) and the Raman Research Institute (RRI)
Report	<p>The faculty and students of the Physics Department embarked on an enriching study tour to Bengaluru, the “Silicon Valley of India,” from 12th to 17th November 2025.</p> <p>The journey began with a scenic train ride to the city, setting an enthusiastic tone for the days ahead.</p> <p>A major highlight of the tour was the visit to two prestigious scientific research institutions—the Indian Institute of Astrophysics (IIA) and the Raman Research Institute (RRI).</p> <p>At IIA, the group was warmly welcomed by Mr. Vikranth Pulamathi, who provided valuable insights into the institute’s ongoing research work and the various career opportunities available in the field of astrophysics. This was followed by an engaging session with Mr. S Sriram, who explained and demonstrated the functioning of different lenses and mirrors used in telescopes. His hands-on demonstrations helped students better understand</p>

	<p>the optical systems that play a crucial role in astronomical observations and research.</p> <p>The visit to RRI was equally inspiring. Students were greeted by Mr. Rahul Iyer and Ms. Unnati Ashar, who offered a brief yet insightful overview of Dr. C.V. Raman's scientific journey, his groundbreaking discoveries, and the founding of the institute. A particularly memorable experience was viewing an exquisite collection of rocks—each meticulously labelled and displayed. These geological specimens not only showcased the beauty and diversity of Earth's formations but also offered a glimpse into the materials that sparked C.V. Raman's curiosity and contributed to his Nobel Prize-winning research.</p> <p>The tour also included a visit to the Visvesvaraya Industrial and Technological Museum (VITM), where students explored historical exhibits and interactive science demonstrations that deepened their understanding of scientific concepts in an engaging way.</p> <p>In addition to academic experiences, the group visited the ISKCON Temple at Rajaji Nagar, Bengaluru Palace at Vasanth Nagar and IKEA at Nagasandra, adding cultural and recreational dimensions to the tour.</p>
Brochure/Poster	NA
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/12/images-Study-Tour-organized-by-the-Department-of-Physics.pdf
List of participants with signatures	SYBSc and TYPSc Physics Students
Certificate	NA