



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 tour
Name of Department	Physics
Faculty Incharge	Mr. Pradeep Morajkar
Stratum of Event (College, State, Regional, National)	Out of the State tour
Title of Event	Educational Tour (Bengaluru)
Date of Event	7 th December 2022
Venue	Bengaluru
Resource Person details	nil
Objective/ Scope of Event	Objective of a study tour is to enhance participants' knowledge and understanding of Physics by providing a unique learning experience that goes beyond what can be learned through traditional classroom instruction or online learning
Particulars of Event	<p>7th December 2022 At 7:30 pm the students of T.Y.B.Sc Physics reported to the Mapusa Bus Stand and boarded a traveller to Margao Railway Station. The train heading from Vasco to Yeshwantpur arrived at 11:45 pm and after boarding and settling down we were soon on our way.</p> <p>8th December 2022 The journey occupied most of the morning. The train arrived at Yeshwantpur Railway Station in Karnataka at 12:30 pm .</p> <p>Visit to Visvesvaraya Industrial and Technological Museum. The Visvesvaraya Industrial and Technological Museum was a very inspiring place and we learnt a lot. There were a lot of educational models, instruments and machines that taught various concepts. The museum was divided into different sections on different floors covering various topics from technology, to space and biology. The day after viewing a</p>

	<p>unique show which was screened onto a large white sphere instead of a flat screen.</p> <p>9th December 2022</p> <p>Visit to Raman Research Institute.</p> <p>The Raman Research Institute was a very well designed building with beautiful modern architecture and a vast campus surrounded by nature and silence.</p> <p>For the first session Dr. Sayantan Majumdar gave a talk about the research in Soft Condensed Matter.</p> <p>The first session was concluded after the students were shown through the Library and an installation showing the life and history of CV Raman and the different areas of research at RRI.</p> <p>Later students were escorted by the Student Communicator to a different building where a professor showed and explained to us about the Crystal Collection of CV Raman. He showed up the harmonics from Indian instruments, showed us iridescent minerals and iridescence of mice using polarising film. We were then shown a part of CV Raman's large crystal collection and were told about the types of crystals.</p> <p>11th December 2022</p> <p>In the morning there was a visit to Summer palace of Tipu Sultan. We were given a brief history of the palace from our tour guide and we were allowed to roam around and explore. Students and teachers clicked pictures in and around the Palace and after spending some time we were back on the road.</p> <p>12th December 2022</p> <p>The train arrived at Margao Railway Station at 6:30 am after which we proceed to board the traveller back to the Mapusa Bus Stand.</p>
<p>Outcome of Event</p>	<p>Because of the Educational trip students got an hands on experience at Vishweshwaraya Museum with different exhibits and models thereby making the students understand the concepts very easily.</p> <p>Similarly students got a chance to interact with scientist at RRI which is beneficial and important for guiding their career in physics.</p>
<p>Feedback</p>	<p>The tour was success and students as well as staff had a great time.</p>

Total No. of Participants

15

Photographs



