




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.)	Study tour
Name of Department	Physics
Faculty In-Charge	Mr. Pradeep Morajkar and Ms. Avani Talkatkar
Stratum of Event (College, State, Regional, National)	Out of the State tour
Title of Event	Study Tour (Bengaluru)
Date of Event	29 th November to 3 rd December 2023
Venue	Bengaluru
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>On November 29, 2023 the students departed from Madgaon junction and arrived at Yeswanthpur at 12.30pm on 30th November. On the same day the students visited Visvesvaraya Industrial and Technological Museum Bengaluru. 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, space and biology.</p> <p>On the following day the students visited Raman Research Institute (RRI) and soon thereafter visited Indian Institute of Science Bangalore (IISc). At RRI the students were given a tour of the campus and information about the newest groundbreaking research in the field of science being carried out at the institute. They were also given a tour of C.V. Raman's personal collection of stones and minerals. The Raman Research Institute was a very well-designed building with beautiful modern architecture and a</p>

	<p>vast campus surrounded by nature. At IISc the students visited labs where the students were briefed about the working of various machines and their use in experiments.</p> <p>On 2nd December they visited Tipu Sultan’s Summer Palace. The guide gave students an insight into the history of the structure and life of Tipu Sultan. The students ended the tour by boarding the train at Yeswanthpur junction at 3.00pm and arrived at Madgaon junction at 5.00am on 3rd December 2023.</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 and IISc 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>
<p>Total No. of Participants</p>	<p>11</p>
	 <p>The top photograph shows a group of approximately 11 people standing in front of the entrance to the Vishweshwaraya Museum. The building has a sign in Kannada that reads 'ವಿಶ್ವೇಶ್ವರೇಯಾ ಔದ್ಯೋಗಿಕ ಂ ಪ್ರೌಢೋಗಿಕ ಸಂಗ್ರಹಾಲಯ'. A GPS overlay indicates the location as Bengaluru, KA, India, with coordinates Lat 12.974880, Long 77.596717, and a timestamp of 11/30/2023 06:01 PM GMT+05:30.</p> <p>The bottom photograph shows a group of about 12 people standing in front of a large, modern building with a central courtyard. A GPS overlay indicates the location as Bengaluru, KA, India, with coordinates Lat 13.013069, Long 77.590662, and a timestamp of 12/01/2023 12:46 PM GMT+05:30.</p>

