



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 Visit
Name of Department	Physics
Faculty In-Charge	Ms. Avani Talkatkar
Stratum of Event (College, State, Regional, National)	College
Title of Event	"Study Visit to BITS Pilani Goa"
Date of Event	29th February 2024
Venue	Central Sophisticated Instrumentation Facility (CSIF) at BITS Pilani Goa
Resource Person details	Technical Staff at Central Sophisticated Instrumentation Facility (CSIF) at BITS Pilani Goa
Objective/ Scope of Event	To familiarize the students with the advanced instrumentation and research environment provided by CSIF BITS Pilani Goa.
Particulars of Event	<p>The purpose of the visit was to familiarize the students with the advanced instrumentation and research environment provided by CSIF. This dedicated facility was established to bolster the university's research efforts, offering access to a plethora of high-end instruments housed within sophisticated infrastructure. The instruments, including a Field Emission Scanning Electron Microscope (FESEM), Liquid Chromatography-Mass Spectrometry (LCMS), Confocal Microscope, Raman Spectrometer, X-ray Diffraction (XRD), and Nuclear Magnetic Resonance (NMR), are regularly utilized by faculty members and are open for analysis to external users. During the visit, CSIF staff elucidated the working principles and applications of these instruments, enriching the students' understanding of cutting-edge research methodologies.</p>

<p>Outcome of Event</p>	<p>Participants understood basic concepts and working of various instruments.</p>
<p>Feedback</p>	<p>Study visit was helpful.</p>
<p>Total No. of Participants</p>	<p>12</p>
<p>Photographs</p>	 <p>Chicalim, Goa, India 9VVJ+2JJ, Pilani, Chicalim, Goa 403710, India Lat 15.392309° Long 73.881589° 29/02/24 02:59 PM GMT +05:30</p> <p>Chicalim, Goa, India 9VVJ+2JJ, Pilani, Chicalim, Goa 403710, India Lat 15.39231° Long 73.881585° 29/02/24 02:40 PM GMT +05:30</p> <p>Chicalim, Goa, India 9VVJ+2JJ, Pilani, Chicalim, Goa 403710, India Lat 15.392298° Long 73.881615° 29/02/24 03:30 PM GMT +05:30</p> <p>Chicalim, Goa, India 9VVJ+2JJ, Pilani, Chicalim, Goa 403710, India Lat 15.392307° Long 73.881592° 29/02/24 03:09 PM GMT +05:30</p>