



ST.XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

Name of Activity	Hands on training in PLC application and demonstration of various experiments.
Date/Duration	23 rd July 2024
Venue	College
Name of organizing Department/Cell	Department of Electronics
In collaboration with	
Name/s of Faculty Coordinator	Mr. Daryl Gonsalves
Stratum of Event	State Level
Name & details of Resource Person/s If any	Mr. Daryl Gonsalves, Associate Prof., Dept of Electronics, St. Xavier's College, Mapusa Mrs. Vilma M. T. Fernandes, Head Associate Prof., Dept of Electronics, St. Xavier's College, Mapusa Dr. Cajé F. Pinto, Assistant Prof., Dept of Electronics, St. Xavier's College, Mapusa
Report	<p>On July 23, 2024, St. Xavier's College, Mapusa, hosted a hands-on training session focused on Programmable Logic Controllers (PLCs). The training was led by Mr. Daryl Gonsalves (Associate Professor) who provided a comprehensive introduction to PLC systems. His session emphasized the role of PLCs in modern industrial automation and the importance of hands-on experience in grasping theoretical concepts. Mr. Daryl Gonsalves highlighted real-world applications, ensuring that participants understood the significance of PLCs in various sectors. Their involvement included direct interaction with the equipment and collaboration during the experiments, fostering a rich learning environment.</p> <p>A comprehensive demonstration of various science and technology kits was conducted by Mrs Vilma Fernandes (Associate Professor and H.O.D) & Dr. Cajé Pinto (Assistant Professor). The session aimed to provide participants with hands-on experience and deeper insights</p>

	<p>into key technological concepts. The following science and technology kits were showcased during the session such as Solar Panel Kit, Fibre Optics Kit, Cardiac Pacemaker Kit, LVDT (Linear Variable Differential Transformer) Kit, RFID Kit. The session was highly interactive, with participants encouraged to ask questions and engage directly with the kits. Both Miss Vilma Fernandes and Dr. Caje Pinto provided detailed explanations and practical demonstrations, ensuring that attendees understood the underlying principles of each technology.</p>
Brochure/Poster	--
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/1-2.pdf
List of participants With signatures	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/Attendance-1.pdf
Certificate	--