



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.)	Hands on training in PLC application and demonstration of various experiments.
Name of Department	Electronics
Faculty In-Charge	Mr. Daryl Gonsalves
Stratum of Event (College, State, Regional, National)	College
Title of Event	Hands on training in PLC application and demonstration of various experiments.
Date of Event	23rd July 2024
Venue	Electronics Lab St. Xavier's College, Mapusa
Resource Person details	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
Objective/ Scope of Event	1)To have hands-on training session focused on Programmable Logic Controllers (PLCs). 2)To enhance the practical skills of students, equipping them with essential knowledge in automation technology
Particulars of Event	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>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 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. Cajé Pinto provided detailed explanations and practical demonstrations, ensuring that attendees understood the underlying principles of each technology.</p>
Outcome of Event	<p>The hands-on training at St. Xavier's College was a significant success, providing students with practical experience and a strong foundation in PLC applications. The demonstration of science and technology kits was a valuable educational experience. Participants gained hands-on knowledge and practical insights into various technologies that play a crucial role in today's world. The event fostered a deeper appreciation for the applications of science and technology in everyday life.</p>
Feedback	<p>Good. Course was very helpful.</p>
Total No. of Participants	<p>18 students from Government College of Arts, Science & Commerce Khandola, Marcela- Goa accompanied by Miss Shabana Chopdar participated in the training.</p>

Photographs

