



**ST. XAVIER'S COLLEGE, MAPUSA GOA**  
**Report of Activity conducted in the Academic Year 2025-26**

<b>Name of Activity</b>	ElectroQuest 2026
<b>Date/Duration</b>	18 <sup>th</sup> March 2026
<b>Venue</b>	Department of Electronics, St. Xavier's College, Goa
<b>Name of organizing Department/Cell</b>	Department of Electronics St. Xavier's College, Mapusa, Goa
<b>In collaboration with</b>	
<b>Name/s of Faculty Coordinator</b>	Dr. Cajé Francis Pinto
<b>Stratum of Event</b>	Intra College Level
<b>Name &amp; details of Resource Person/s If any</b>	
<b>Report</b>	<p>The Department of Electronics of St. Xavier's College, Mapusa, successfully organized ElectroQuest 2026 on 18<sup>th</sup> March 2026. The event aimed to test students' practical knowledge, creativity, and problem-solving abilities through a series of engaging and competitive challenges. The competitions were designed to assess various technical skills, ranging from component identification and programming to circuit design and robotics. Each event had enthusiastic participation and innovative approaches by the students. Students from various classes actively participated in the event, making it a vibrant and competitive platform. A total of 36 participants took part across the different events.</p> <p>The event featured five main competitions:</p> <ol style="list-style-type: none"> <li>1. <b>Electronic Maze Challenge:</b> Students must Physically identify electronic components placed on a table and then search for the names of those components in the crossword-style maze.</li> <li>2. <b>Debug the C Code Challenge:</b> Students must debug faulty C programs provided in the challenge sheet. Each program contains logical, syntactical, or runtime errors. The goal is to correct the code so it compiles and runs as intended.</li> <li>3. <b>Circuit Building Challenge:</b> Students must construct a functional circuit using the provided electronic components. The circuit should meet the challenge requirements.</li> <li>4. <b>E-Waste Home Challenge:</b> Students must collect electronic waste items from home (old circuit boards, wires, switches, motors, chargers, etc.) and repurpose them into a creative project.</li> </ol>

	<p>The project can be functional, decorative, or educational, and must be presented to judges.</p> <p>5. <b>Line Follower Robot Challenge:</b> Students must design and construct a robot that can autonomously follow a marked black track on a white surface using sensors and control logic.</p> <p>The winners and judges of the various events are as follows:</p> <p><b>1. Electronic Maze Challenge: Spot It, Solve It, Win It!</b></p> <ul style="list-style-type: none"> <li>• 1st Place – Mr. Mehul Chavan</li> <li>• 2nd Place – Mr. Bhikaji Gawade</li> <li>• 3rd Place – Ms. Gayatri Shetye</li> </ul> <p>Judges: Ms. Sneha Talekar and Ms. Viola Fernandes</p> <p><b>2. Debug the C Code Challenge</b></p> <ul style="list-style-type: none"> <li>• 1st Place – Mr. Leroy Monteiro</li> <li>• 2nd Place – Ms. Richa Khorjuvekar</li> <li>• 3rd Place – Mr. Mohammed Zaid Siddiqui</li> </ul> <p>Judges: Ms. Vilma Fernandes and Ms. Viola Fernandes</p> <p><b>3. Circuit Building Challenge</b></p> <ul style="list-style-type: none"> <li>• 1st Place – Ms. Chinmai Valvoikar</li> <li>• 2nd Place – Mr. Eldrich Fernandes</li> <li>• 3rd Place – Mr. Jaganath Palyekar</li> </ul> <p>Judges: Ms. Sneha Talekar and Ms. Viola Fernandes</p> <p><b>4. E-Waste Home Challenge</b></p> <ul style="list-style-type: none"> <li>• 1st Place – Mr. Deep Mondal</li> <li>• 2nd Place – Ms. Nishtha Raul</li> <li>• 3rd Place – Mr. Chinmai Valvoikar</li> </ul> <p>Judges: Mr. Daryl and Ms. Vilma Fernandes</p> <p><b>5. Line Follower Robot Challenge</b></p> <ul style="list-style-type: none"> <li>• 1st Place – Mr. Bhikaji Gawade</li> <li>• 2nd Place – Mr. Vegan Costa and Mr. Frenwin Fernandes</li> <li>• 3rd Place – Ms. Chinmai Valvoikar and Mr. Satyawan Palyekar</li> </ul> <p>Judges: Dr. Cajé Pinto</p> <p>The title of ElectroQuest 2026 Adventure Champion was awarded to Mr. Bhikaji Gawade for his outstanding overall performance across events.</p> <p>ElectroQuest 2026 was a highly engaging event that provided students with a platform to showcase their technical skills, creativity, and teamwork. The event successfully fostered innovation and healthy competition among participants, contributing to their overall learning and development.</p>
<b>Brochure/Poster</b>	<p><a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Flyer-of-ElectroQuest-2026.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Flyer-of-ElectroQuest-2026.pdf</a></p>

<b>Photographs</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Photos-of-ElectroQuest-2026.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Photos-of-ElectroQuest-2026.pdf</a>
<b>List of participants With signatures</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/participating-in-ElectroQuest-2026.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/participating-in-ElectroQuest-2026.pdf</a>
<b>Certificate</b>	<a href="https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Certificate-of-ElectroQuest-2026.pdf">https://xavierscollegegoa.ac.in/wp-content/uploads/2026/03/Certificate-of-ElectroQuest-2026.pdf</a>