



**ST. XAVIER'S COLLEGE, MAPUSA GOA**  
**Report of Activity conducted in the Academic Year 2024-25**

<b>Name of Activity</b>	<b>Talk on 'Innovation and patent in Emerging Areas of Research'</b>
<b>Date/ Duration</b>	<b>29/03/2025</b>
<b>Venue</b>	<b>Room No. 210, St. Xavier's College, Mapusa, Goa</b>
<b>Name of organizing Department/Cell</b>	<b>PG and UG Department of Chemistry in association with IPR cell</b>
<b>In collaboration with</b>	
<b>Name/s of Faculty Co ordinator</b>	<b>Mamata Prabhugaonkar (PG Coordinator) Ms. Sheryl D'Cruz (UG Coordinator) Prof. Nelson Lobo (IPR Cell Convenor)</b>
<b>Stratum of Event</b>	<b>College level</b>
<b>Name &amp; details of Resource Person/s if any</b>	<b>Dr. Akshay Salkar, Assistant Professor, Ganpat Parsekar College of Education, Harmal-Goa</b>
<b>Report</b>	<p>The PG and UG Department of Chemistry in collaboration with IPR Cell, St. Xavier's College, Mapusa hosted an insightful session for M.Sc. and B.Sc. students on the topic: "Innovation and Patent in Emerging Areas of Research" on March 29<sup>th</sup>, 2025. The event served as a valuable platform to inspire students and broaden their understanding of innovation and research.</p> <p>The keynote speaker for the session was <i>Dr. Akshay Salkar</i>, Assistant Professor, Ganpat Parsekar College of Education, Harmal-Goa, an accomplished alumnus of St. Xavier's College, Mapusa. Dr. Salkar commenced the session by recounting his academic journey at the college, reflecting on how his experiences contributed to shaping his professional career and research pursuits.</p> <p>Dr. Salkar provided detailed insights into the patent filing process, sharing the challenges and lessons he encountered. He showcased his patented work on</p>

	<p>nanorods, filed in 2018 and granted in 2021, emphasizing the importance of nanostructuring in advanced research, particularly in <i>electrochromic materials</i>.</p> <p>Additionally, he delved into pivotal topics, including Graphene technology, Self-healing materials, and Electrochromic camouflage.</p> <p>Dr. Salkar highlighted the key distinctions between patents and copyrights, enriching the audience's understanding of intellectual property in the context of scientific innovation.</p> <p>The session became even more engaging with an interactive Q&amp;A segment, where Dr. Salkar addressed thoughtful questions from attendees. Discussions included:</p> <ul style="list-style-type: none"> <li>• Strategies for searching existing patents.</li> <li>• The pathway to becoming a patent officer.</li> <li>• Legal dimensions of patenting.</li> <li>• Overcoming challenges in research and innovation.</li> </ul> <p>The event concluded with a brief feedback session and words of gratitude for Dr. Salkar's contribution to inspiring the students. The session proved to be enriching and interactive, equipping attendees with valuable knowledge and encouraging them to explore emerging areas of research and innovation.</p> <p>The session was coordinated by Mrs. Mamata Prabhugaonkar, Ms. Sheryl D'Cruz, and Prof. Nelson Lobo, IPR cell coordinator. A total of 54 students along with faculty members participated in the session.</p>
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