



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

Name of Activity	IPR Talk on 'Innovation and Patents in Emerging Areas of Research'
Date/ Duration	29/03/2025
Venue	St. Xavier's College, Mapusa, Goa
Name of organizing Department/Cell	PG and UG Department of Chemistry in association with IPR cell
In collaboration with	
Name/s of Faculty Co ordinators	Prof. Nelson Lobo (Convenor) Assistant Prof. Mamata Prabhugaonkar Assistant Prof. Swapnil Belekar
Stratum of Event	College level
Name & details of Resource Person/s if any	Dr. Akshay Salkar, Assistant Professor, Ganpat Parsekar College of Education, Harmal-Goa
Report	<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 April 1st, 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</p>

	<p>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 nanorods, filed in 2018 and granted in 2021, emphasizing the importance of nano structuring 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&A segment, where Dr. Salkar addressed thoughtful questions from attendees. Discussions included:</p> <ul style="list-style-type: none"> • Strategies for searching existing patents. • The pathway to becoming a patent officer. • Legal dimensions of patenting. • Overcoming challenges in research and innovation. <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 Prof. Nelson Lobo, IPR cell coordinator, Ms. Sheryl D'Cruz, Asst. Professor, Dept. of Chemistry and Mrs. Mamata Prabhugaonkar, Asst. Professor, P.G.</p>
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	Dept. of Chemistry. A total of 54 students along with faculty members participated in the session.
Brochure/Poster	
Photographs	
List of participants with signatures	
Certificate	