ST.XAVIER'SCOLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

Name of Activity	Workshop : "Navigating the Research Landscape"
Date/Duration	14th September 2024 / 2 Hours
Venue	Computer Science Laboratory, St. Xavier's College
Name of organizing Department/Cell	Computer Science
In collaboration with	Department of Biotechnology, Government of India
Name/s of Faculty Coordinator	Ms. Avani Kharde, Assistant Professor, Department of Computer Science
Stratum of Event	Department Level
Name & details of Resource Person/s	Ms. Marissa Lourdes de Athaide, Research Scholar, School of Physical and Applied Science, Goa University
Report	**Objectives :** • Equip TYBSC/SYBSC Computer Science students with the skills to conduct effective literature reviews. • Enhance their understanding of research methodology and design. • Foster critical thinking and analysis of existing research in their field. **Description :** The workshop provided a comprehensive guide to navigating the research landscape through effective literature surveys. Key topics covered included: • Definition and purpose of literature surveys • Steps for conducting an effective literature review (selecting a topic, searching for information, analyzing and interpreting) • Accessing academic papers through databases and tools (Google Scholar, JSTOR, IEEE Xplore, etc.)

	• Strategies for reading and summarizing research papers effectively (three-pass approach) The workshop also addressed how literature surveys can inform research design by: • Identifying research gaps and avoiding duplication • Building research credibility • Refining research questions and objectives **Outcomes :** Students gained valuable skills in: • Critically evaluating existing research • Conducting systematic literature searches • Utilizing various academic databases • Effectively reading and summarizing research papers • Applying research findings to inform their own research projects The workshop aligns with : • **Promoting research skills:** Equipping students with the ability to conduct independent research. • **Encouraging critical thinking:** The workshop emphasized critical analysis of existing research, a crucial skill for successful research endeavors. • **Developing research methodology:** Understanding how to conduct a comprehensive literature review is essential for developing a strong research methodology. **No. of beneficiaries :** 20
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