



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

Name of Activity	Certificate Course “ Documentation and Presentation using LaTeX”
Date/ Duration	17th September 2024 to 7th October 2024 / 30 hours
Venue	Physics laboratory , St. Xavier’s College, Mapusa
Name of organizing Department/Cell	Department of Physics in association with DBT Star College Scheme.
In collaboration with	
Name/s of Faculty Co ordinator	Prof Nelson Lobo (Coordinator) Prof Bosco Lawrence (Jt Coordinator)
Stratum of Event	College level
Name & details of Resource Person/s if any	Ms Anjana Dhar
Report	<p>The certificate Course of 30 hour duration began on Documentation and presentation using LaTeX began on 17th September 2024 and ended on 7th October 2024. Ms Anjana Dhar was the resource person for the course. The course consisted of 7 modules: Introduction, Styling pages, Formatting content, Tables and Figures, Algorithms and Equations, Referencing and Indexing and Presentations.</p> <p>In the middle of the course an ISA was conducted to test the students progress and understanding.</p> <p>An evaluation examination was held at the end of the course and the passing candidates were awarded with Certificate of Completion.</p> <p>Learning Objectives:</p> <ol style="list-style-type: none">1. To develop proficiency in the use of LaTeX document preparation software2. To create beautiful presentations using LaTeX3. To highlight the importance of Latex in publishing research articles in international journals and in the field of physics and mathematics in book writing. <p>Learning Outcomes: At the end of this course, students will be able to</p> <ol style="list-style-type: none">1. Create a text document using LaTeX.

	<ol style="list-style-type: none"> 2. Incorporate mathematical equations, algorithms, theorems, figures, tables and references in a document. 3. Create and use bibliography management. 4. Format text, alignment, emphasis and fonts. 5. Handle basic aspects of document structure, including sections, subsections, paragraphs, bulleted and enumerated lists. 6. handling header, footer, and page numbering. 7. Make a presentation using beamer and be able to write a book/research paper/thesis
Brochure/Poster	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/brochure-4.pdf
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/pics-4.pdf
List of participants with signatures	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/attendance-1.pdf
Certificate	https://xavierscollegegoa.ac.in/wp-content/uploads/2024/11/cert-2.pdf