



ST XAVIER'S COLLEGE, MAPUSA GOA

Report of Activity conducted in the Academic Year 2024-25

Name of Activity	Data Analysis Session Using SmartPLS 4 for M.Com Students
Date/Duration	10 th March 2025 at 10.00 am
Venue	MCom Computer Lab
Name of organising Department/Cell	Post Graduate Department of Commerce
Name/s of Faculty Co-ordinator	Ms. Concy Noronha, Ms. Purva Chodankar
Stratum of Event	College
Name & details of Resource Person/s if any	NA
Report	<p><u>Report on Data Analysis Session Using SmartPLS 4 for M.Com Students</u></p> <p>The Post Graduate Department of Commerce at St. Xavier's College conducted a practical session for M.Com students on March 10th, focusing on Structural Equation Modeling (SEM) techniques using SmartPLS 4. Facilitated by Ma'am Concy L. Noronha, the workshop introduced students to Partial Least Squares (PLS-SEM) for analyzing complex relationships between variables and equipped them with skills for constructing models, running analyses, and interpreting outputs. The interactive Q&A segment addressed challenges such as multicollinearity, bootstrapping, and model fit optimization, encouraging critical thinking and collaborative problem-solving. Students gained confidence in applying advanced statistical tools for research, with many expressing that the training greatly supported their dissertation work and future endeavors. The session successfully bridged theory and practice, emphasizing the importance of integrating analytical tools into postgraduate curriculums.</p>
Brochure/Poster	NA
Photographs	https://xavierscollegegoa.ac.in/wp-content/uploads/2025/04/PLS-1.pdf
List of participants with signatures	NA