



**ST. XAVIER'S COLLEGE (AUTONOMOUS)**  
**PALAYAMKOTTAI - 627 002**  
(Recognized as "College with Potential for Excellence" by UGC &  
Accredited by NAAC at A++ Grade with a CGPA of 3.66 out of 4)



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**ANNUAL REPORT 2022-2023**  
**CHEMISTRY RESEARCH CENTRE**

**In charge:** Dr. J. Jaya Vinse Ruban

The Chemistry Department became a research centre in 2011. The research center is equipped with rotary vacuum distillator, UV-Vis spectrophotometer, FT-IR spectrophotometer, cyclic voltameter, Flash photometer, HPLC and guoy balance. The important research fields concentrated by the department are phytochemistry, electro organic chemistry, nano chemistry, polymer chemistry, green chemistry, supramolecular chemistry and adsorption studies. At present the research center has eight recognized research guides. Sixteen research scholars are pursuing their PhD Mr. A. Jerold Antony and S. Kavitha has successfully defended their theses. Totally nine research papers are published in reputed international journals.