



**ST. XAVIER'S COLLEGE (Autonomous),  
PALAYAMKOTTAI - 627 002.**

(Recognized as "College with Potential for Excellence" by UGC & Accredited at A<sup>+</sup> Grade with a CGPA of 3.66 out of 4 in IV Cycle by NAAC)

---

**ANNUAL REPORT 2024-2025**

**CROP PROTECTION RESEARCH CENTRE (CPRC) (1998)**

The **Crop Protection Research Centre (CPRC)** continues its research activities uninterrupted, focusing on **eco-friendly pest management**. Two **novel botanical-based formulations** were developed and evaluated for their efficacy against **five significant crops**. Additionally, conventional methods for managing **coleopteran pests in rice storage** were investigated. A new approach for **managing mosquito larvae** was also developed using a **predatory fish**. **Dr. K. Sahayaraj** received **national recognition** from the **Dr. Vasantharaj David Research Foundation**. As part of his academic engagements, he attended **two conferences** in **Palayamkottai and Chennai**. Notably, one of his **B.Sc. students' (A. Antony Gracy Princess)** projects was published in **Phytoparasitica**, a journal with an **impact factor of 1.5**. Currently, **three CPRC research scholars** are in the final stages of their **Ph.D.** research and are preparing to submit their theses promptly, as the **director is set to retire by the end of May 2025**.