



St. Xavier's College (Autonomous)

(Recognized as “College with Potential for Excellence” by UGC & Accredited at A⁺⁺ grade with CGPA of 3.66/4 in IV Cycle by NAAC)

Palayamkottai – 627 002

ANNUAL REPORT 2023-2024

VECTOR BIOLOGY AND PHARMACOLOGY

1. The Centre for Vector Biology and Pharmacology was established in 2017, with a continued focus on research fields on Sericulture, Pharmacology, Biodiversity of birds and insects, Mosquito management, and other related topics. In 2023-2024, two Ph.D. theses have been submitted. Six Ph.D.s are now being worked in the fields of Freshwater Crabs, Aquatic Biodiversity, Pharmacological Effects of Plant Extract, Assessment of Wetland Bird Diversity, and Sericulture. 10 research papers were published in peer-reviewed journals from this research centre.
2. Three papers were presented at National and International Conferences, and a student received the best paper award for oral presentation. Research scholars attended workshops on “Microscopy and Research Publications in Scopus-indexed Journals” organized by various organizations in the fields of biology. One of them completed a course on research ethics. 3 U.G. and 4 P.G. dissertations were submitted from the project work. The Fisheries Survey of India (Chennai), CMFRI (Tuticorin), Avison Biotech (Chennai), V. R. Hospital Lab, Kaveri Hospital, Agarwal Eye Hospital, Tirunelveli, etc. were some of the few places where students completed their internships.