



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

ENTOMOLOGY RESEARCH UNIT

1. Entomology Research Unit (ERU), Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai, under the guidance of Dr. P. Selvaraj and Dr. T. Pushpanathan, continues the research and extension activities. At present, 5 research scholars (3 under the guidance of Dr. P. Selvaraj and 2 under Dr. T. Pushpanathan) are doing their Ph.D.
2. Under the co-guidance of Dr. P. Selvaraj, Mr. M. Madasamy was awarded Ph.D. degree by the Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli. Ms. J. Princy Rathnamala Jayaseeli submitted her doctoral thesis entitled "Control of Spodoptera Litura Using Phytoecdysones from Ferns" (TNSCST Student Project Grant) on 20.06.2023. Mr. J. Sherlin John submitted his Ph.D. thesis entitled "Molecular and Classical Taxonomy of Reduviidae," and Sr. M. Velankanny submitted her Ph.D. thesis entitled "Exploration of New Entomopathogenic Fungi for Cotton Pest Management" on 20.02.2024. Under the guidance of Dr. T. Pushpanathan, Ms. Selvarani and Ms. G. Sumathi (CSIR-NET JRF) are doing their research on "Insect Vector Control Using Phytochemicals". The scholars at ERU participated in three National, International Conferences and three Workshops. They also presented six papers and published four research articles in SCOPUS Indexed Journals.