



## St. Xavier's College (Autonomous)

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

Palayamkottai – 627 002

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### ANNUAL REPORT 2023-2024

#### CENTRE FOR ADVANCED RESEARCH IN PLANT SCIENCES (CARPS)

1. The Centre for Advanced Research in Plant Sciences (CARPS) was established on 06.04.2013 by Rev. Dr. A. Joseph, S.J., former Principal, St. Xavier's College (Autonomous), Palayamkottai with the mission to promote progress in the field of Plant Sciences. Dr. J. John Peter Paul, Assistant Professor of Botany is working as the Director of CARPS who concentrates on Recent Trends in Plants Sciences. Dr. E. Fredrick Raja was awarded Ph.D., on 31.08.2023 and Dr. P. Anusathya Priya was awarded Ph.D., on 03.10.2023 by Manonmaniam Sundaranar University, Tirunelveli.
2. The Research Scholars, Ms. M. Athi Lakshmi is working on Molecular Biological and Phytochemical Diversity of Marine Macro Algae. Totally 3 research articles were published in UGC approved International research Journals in the academic year 2023-2024. The Director and the research scholars of CARPS have participated and published 3 research articles in various national and International Conferences/Symposia/Workshops. 21 Rbel sequences were deposited in National Centre for Biotechnology Information (NCBI), Bethesda, Maryland.
3. Dr. J. John Peter Paul is the editorial board member of the following research journals: *Bulletin of Environment, Pharmacology and Life Sciences, International Journal of Pharmaceutical Research and Bio-Science, International Journal of Advanced Research in Biological Sciences, Advanced Journal of Pharmacy and Life Science Research, International Journal of Research in Science and Technology, International Journal of Universal Science and Engineering, American Journal of Pharmacology and Pharmacotherapeutics, International Journal of Nanobiotechnology and International Journal of Molecular Biotechnology*. He also acts as a reviewer for the *International Journal of British Biomedical Bulletin*.