

FACULTY PROFILE

1. Name: Sr. Johnson Irine Towle
2. Designation: Assistant Professor
3. Qualification: M.Sc., B.Ed., (Ph.D.)
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6. ERP Id: AUXMZO175
7. Teaching Experience: 3 year
8. Area of specialization: Environmental biology
9. No. of Papers Published: 02
10. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences: 02
11. No. of Seminars/Workshops/Conferences organized: 06
12. No. of Books Published/Edited/Co-edited: NIL
13. Responsibilities held:
15. No. of Online Courses completed: 03
16. Any Other:

PUBLICATIONS

Publications in Journals:

1. Johnson I. *et al.* Mosquito larvicidal, pupicidal and ovidical effects of the different extracts of the leaves of *Peltophorum pterocarpum* against *Aedes aegypti* and *Culex quinquefasciatus*. *Futur J Pharm Sci* **9**, 32 (2023). <https://doi.org/10.1186/s43094-023-00483-3>
2. Johnson I. *et al.* *Coffea canephora* Leaf Extracts as Mosquito Larvicidal, Pupicidal and Ovicidal Activity Against *Aedes aegypti* and *Culex quinquefasciatus*. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* (2024). <https://doi.org/10.1007/s40011-024-01600-9>
3. Johnson I. *et al.*, 2022. *Peltophorum pterocarpum*: a review of its pharmacological and ethnomedicinal properties. *Loyola institute of frontier energy (life)*, 15(1-4), pp.97-112.

Publications in proceedings:

1. J. Irine Towle, M.C. John Milton, P. Pandikumar, P. Ganesan, S. Ignacimuthu. Phytochemicals from Euphorbiaceae (Sensu Stricto) with insecticidal activity – A Review.
2. J. Irine Towle, M.C. John Milton, P. Pandikumar, P. Ganesan, Y. Alex, V. Jelin. Larvicidal potentials of the leaf extracts of *Ricinus communis* L., *Codiaeum variegatum* (L.) Rumph. Ex A. Juss. and *Tithonia diversifolia* (Hemsl) A.Gray on *Culex quinquefasciatus* Say (Diptera: Culicidae).
3. J. Irine Towle, M.C. John Milton, P. Pandikumar, P. Ganesan, Y. Alex, V. Jelin, K. Balakrishna. Isolation, characterization and mosquito larvicidal potential of ricinine from *Ricinus communis* leaves (Euphorbiaceae).

PAPERS PRESENTED

1. Oral presentation on ‘Isolation and identification of ricinine from *Ricinus communis* for mosquito larvicidal activity’ in the National Conference on “Biodiversity Restoration: Current Trends, and Emerging Opportunities” organized by the Department of Zoology, St. Xavier’s College (Autonomous), Palayamkottai on 21st February 2024.
2. Oral presentation on ‘Larvicidal property of *Ricinus communis* against *Aedes aegypti*’ in the ‘National Conference on Advances in Medicinal Plant Research (NAMPR - 2024)’ organized by the Department of Botany, St. Xavier’s College (Autonomous), Palayamkottai on 29th February 2024.

FDP’s/ Seminars/ Workshops/Webinars:

1. NPTL Online certification on “Research Methodology”
2. 5 days “Training Programme on Research Methodology” organized by LISSTAR (Loyola Institute of Social Science Training and Research) from 21st – 25th March 2022 at Loyola College.
3. Online FDP on “The Nuances of Scientific Writing and Publishing” Organized by All India Association for Christian Higher Education, New Delhi and MCC (Autonomous), Chennai, from 11th- 19th July.
4. International online workshop on ‘Academic writing: Ethical Issues’ from 25th – 27th February 2023.