Name	Dr. T. Esther Elsie
D.O.B	10.03.1992
Designation	Assistant Professor of Zoology
Date of Joining	16.06.2025
Qualification	M.Sc., M.Phil., Ph.D
Specialization	Marine Malacology and Marine Pharmacology
Email id	esinchrist10@gmail.com



Papers Presented/ Participation in Workshop/Seminar/ Conference/ FDP

Date	Participated	Type	Workshop/ Seminar/ Conference/ FDP	Title of the paper	Organised By
01.02.2023	Presented	One Day International Conference	Recent Advances in Animal Sciences	Analgesic Activity of *Tubinella pyrum* (Linnaeus, 1758), From Thoothukudi Coast.	PG & Research Department of Zoology, The American College, Madurai.
16.12.2022-18.12.2022	Presented	Three Day Annual International Conference	Multidisciplinary Research and Innovation	Antifungal Activities of Tissue Extract of *Telescopium* from Punnakayal	IIT Madras Research Park, Chennai.
21.03.2022-22.03.2022	Presented	Two Day International Conference	Applied Biology for Sustainable Development	Analgesic Activity of *Tubinella pyrum* (Linnaeus, 1758), From Thoothukudi Coast.	Department of Zoology and Research Centre, Sri Parasakthi College for Women Coutrallam

11.02.2016-12.02.2016	Presented	Two Day National Seminar	Marine Bioresources: Prospects and Threats	Antipyretic Activities of *Turbinella pyrum* (Linnaeus, 1758) From Thoothukudi Coast	PG and Reseach Department of Zoology, St. Marys College, (Autonomous) Thoothukudi
Date	**Participated**	**Type**	**Workshop/Seminar/ Conference/ FDP**	**Title of the paper**	**Organised By**
15.07.2026-16.07.2026	Participated	Contributing Authors Conference	"Managing Higher Education Institutions as Academic Organisations: Leadership, Culture, Quality and Transformation"		Christ University, Bangalore
10.08.2026 - 24.08.2026	Participated	UGC - Refresher Course	Multidisciplinary And Sustainability		Malaviya Mission Teacher Training Programme
24-9-2026 to 25-9-2026	Participated	International Conference-	Paradigm Shifts in Life Sciences Research: Emerging Innovations and Sustainable Research Frontiers		PG and Research Department of Zoology. St. Mary's College (Autonomous), Thoothukudi
03.08.2026-09.08.2026	Participated	FDP	Vermitechnology : Principles and Applications	-	Department Of Microbiology Sacred Heart College (Autonomous), Tirupattur
9 .10. 2025	Participated	National Seminar	Innovation in Chemical Sciences for Sustainable Development	-	PG. & Research Department Zoology, St.Mary's College (Autonomous) Thoothukudi
3.10.. 2025	-	International Conference	Innovation in Chemical Sciences for Sustainable Development	-	PG. & Research Department of Chemistry (SSC), St.Mary's College (Autonomous) Thoothukudi
15.09.2025 – 17.09.2025	Participated	Entrepreneurial Opportunities in	Skill development Programme	-	Department of Zoology, Sadakathullah Appa College

		Zoology: Bridging Science and Market			(Autonomous) Tirunelveli
29.08.2025	Participated	Webinar	Hydra in the Classroom – A Dynamic Tool for Teaching Life Sciences	-	Department of Botany, St.Joseph's College (Autonomous), Tiruchirappalli
25.08. 2025 – 29.08.2025	Participated	Workshop	Ensembl Browser	-	Nextgenhelper, New Delhi
22.09.2025 – 26.09.2025	Participated	Online Series	The Art of Proposal Writing		MCC Research Colloquium, Madras Christian College (Autonomous), Chennai
20.09.2025	Participated	One Day National Level e-Workshop	Integrating Artificial Intelligence for Research and Publications		A.C.T. Academy, Kerala
11.07.2025-27.07.2025	Participated	Hands on Workshop	Mastering NGS		Origene Biosolutions
20.08.2025-21.08.2025	Participated	Faculty Training Program	Computer Aided Drug Designing		PG and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi in collaboration with Biozone Research Technologies, Chennai
18.08.2025-25.08.2025	Participated	One Week International Online Faculty Development Programme	AI in Biological Research		PG and Research Department of Zoology, V.O.Chidambaram College, Thoothukudi
23.07.2025	Participated	International Conference	Plant-Derived Antidiabetic Agents & Nanotechnology – Enabled Immunomodulation		Department of Microbiology, St.Mary's College (Autonomous), Thoothukudi

08.07.2025	Participated	Workshop	Marketing, Economics and Entrepreneurship Development in Ornamental Fish Culture		PG and Research Departmentof Zoology, St. Mary's College (Autonomous), Thoothukudi in collaboration with Fisheries College and Research Institute, Thoothukudi
27.08.2024 and 29.08.2024	Participated	Two days Offline Faculty Development Programme	In Silico Modelling approach fo Pharmaceutical Sciences		Star International foundation for research and Education, Thiruchengode, Nammakal
28.01.2025 – 02.02.2025	Participated	Workshop	Bioinformatics Tools & Applications		Origene Biosolutions
03.08.2024	Participated	One Day Intenational Conference	Exploring the Intersection of Stem Cells Research and Career Skills: A Global Perpsective.		Department of Botany and Department of Microbiology, St.Marys College(Autonomous) Star College Scheme, DBT, New Delhi.
01.07.2024-10.07.2024	Participated	Ten Days Training Programme	NEP 2020 Orientation and Sensitization Pogramme		UGC-Malaviya Mission Training Centre, Bharathidasan University, Thirichirapalli.
20.06.2024	Participated	State Level Workshop	Elevate your Research: Author and Editor Insights for Publishing in a Reputed Journal		Marian Research Forum, St. Marys College (Autonomous) Thoothukudi.
06.03.2024	Participated	One day Faculty Development Programme	Marine Resources: Consevation and Sustainable Utilization and Strategies		Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi.
27.02.2024	Participated	International Seminar	Therapeutic Significance of Marine Organism: A Scientific Insight through Tamil Literature		Department of Tamil and Zoology, St. Marys College (Autonomous) Thoothukudi

14.02.2024-16.02.2024	Participated	Three day Faculty Development Programme	Exploring Biotechnology: Innovative Applications and Advancements		Star International foundation for research and Education, Thiruchengode, Nammakal
28.11.2023-29.11.2023	Participated	Two day National Level Wokshop	Cell Imaging and Cytological techniques using Bright field, Fluoescence and Phase Contrast Microscopy		The Department of Botany and Zoology, St. Xaviers College (Autonomous) College, Palayamkottai
20.11.2023-21.11.2023	Participated	Two day Orientation Programme	Strategies to Work with Rural Communities through Participatory Approach		Unnat Bharat Abhiyan, NCI, IIT,Delhi, YOJAK, Pune, RCI, UBA, Gandhigram Rural Institute and Saratha Krishna Homeopathic Medical College, Kanniyakumari.
11.12.2023		One Day Online Workshop	Avoid Predatory Publishing: Guidelines for Choosing Quality Journals in the Digital Age	Participated	Marian Research Forum, St. Mary's College (Autonomous) Thoothukudi.
30.08.2023	Participated	One day National Conference	Agrobiome		Department of Microbiology, St.Marys College (Autonomous) Thoothukudi
20.08.2023	Participated	One Day Workshop	Academic Writing: Authencity and Ethical Imperatives		Marian Research Forum and Library Committee of St. Marys College (Autonomous), Thoothukudi.
19.04.2023	Participated	One day Conference	Research Publication: An Integrative and Dynamic Approach		Marian Research Forum, St.Marys College (Autonomous), Thoothukudi.
17.03.2023-18.03.2023	Presented	Two Day National Conference	Recent Trends in Life Sciences	Antiarthritic Activity of Methanolic Extract of Tubinella	PG and Research Department of Zoology, St. Marys College

				pyrum from Gulf of Mannar	(Autonomous) Thoothukudi.
07. 03. 2023	Participated	One Day National Level Workshop	Production And Entrepreneurship approach on Spirulina and Nanoparticles		Deparment of Microbology, St. Marys College (Autonomous), Thoothukudi
06.10.2023	Participated	One Day Webinar	Environment and Development-Solutions to Plastic Pollution		UGC-Webinar
27.11.2023-03.12.2023	Participated	International Virtual Faculty Development Progamme	Current Trends In Life Sciences		Research Department of Zoology, SeethaLakshmi Ramaswami College, Thirruchirappali.
21.03.2022-22.03.2022	Participated and Presented	International Conference	International Conference on Applied Biology for Sustainable Development	Analgesic Activity on *Turbinella pyrum* from Thoothukudi Coast	PG Department of Zoology and Research Centre, Sri Parasakthi College for Women, Courtrallam
16.12.2022 – 18.12.2022	Participated and Presented	International Conference	Annual International Conference on Multidisciplinary Research and Innovation	Antifungal Activities of Tissue Extracts of T.*telescopium* from Thoothukudi Coastal Region	ESN Publications
01.03.2022	Participated	One Day International Webinar	Importance of IP in Scientific Research		Marian Research Forum, St.Marys College (Autonomous) Thoothukudi
03.03.2022-04.03.2022	Participated	Two Day International Webinar	Climate Change and Future Challenges		Marian Star Centre, Department of Zoology, St. Mary's College (Autonomous), Thoothukudi.

10.03.2021	Participated	One day Online Programme	Current Prospective in Biomedicine		Department of Biology, The Gandhigram Rural Institute, Gandhigram Dindugal.
01.11.2021	Participated	One day Faculty Development Programma	Creative Teaching Techniques		Loyola Institute of Business Administration, Chennai.
14.09.2021	Participated	One Day International Webinar	Aquatic Ecosystem- A Boon for Sustainable Development		Dept. of Zoology, M. V. Muthiah Govt. Arts College for Women, Dindugal, TamilNadu.
12.10.2020-16.10.2020	Participated	Five Days National Webinar	Fisheries In Covid Times And After Gender, Ground Truths and Growth		Department of Fisheries Extension, Economics and Statistics, Dr. M.G.R. Fisheries College and Reseach Institute, TNJFU, Thalainayeru
03.01.2020	Participated	One Day Webinar	Nanopaticles In BioPharmaceuticals		Department of Zoology, Pope's College (Autonomous), Thoothukudi.
05.10.2018-16.10.2018	Participated	Two Day Lecture Workshop	Human Genomics and Genetic Diseases		PG Depatment of Zoology, Saiva Bhanu Kshatriya College, Aruppukottai.
20.07.2018	Participated	One Day National Seminar	Fostering Transparency: Routing Out Plagiarism A to Z		Department of Library and Research Forum of St. Marys College (Autonomous) Thoothukudi.
07.09.2016-10.09.2016	Participated	Four Days National Workshop cum Hands on Training Programme	DNA Barcoding-Molecular Analysis and BioInformatics Approaches		PG and Research Department of Biotechnology, Ishmaiah College (Autonomous), Vaniyambadi.

20.02.2016	Participated	One Day National Seminar	Multi Disciplinary Research		Marian Forum Reseach at St. Mays College (Autonomous), Thoothukudi
11.02.2016-12.02.2016	Participated	Two Day National Seminar	Marine Bioresources: Prospects and Threats	Antipyretic Activities of *Turbinella pyrum* (Linnaeus, 1758) From Thoothukudi Coast	PG and Reseach Department of Zoology, St. Marys College, (Autonomous) Thoothukudi

Workshop/Seminar / Conference/ FDP	Type	Paper Presented/ Participated	Title of the paper	Organised By	Date
In Recognition of an outstanding contribution to the Quality of the Book			Certificate of Excellence in Peer-Reviewing	B.P International	22.03.2024

Paper Publications

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Comment on "Intratumoral microbiome composition and its role in tumor recurrence in primary liver cancer"	Chelladurai A, Esther Elsie, T, Jenivi, A	J Formos Med Assoc	2026	125	9	1161-1162
Exploring the intricate morpho-anatomy of *Tonna dolium* (Caenogastropoda: tonnidae)	Esther Elsie T, Simone LRL and Thilaga RD	Int J Pharm Sci & Res	2025	16	6	1724-29

from the gulf of Mannar, India						
Invitro screening of Antifungal potential of crude extracts of the marine gastropod, *Turbinella pyrum*	Esther Elsie T, Shibana C And Thilaga RD	IJBPAS	2024	13	8	3880-3886
Wound healing activity of methanolic extract of *Turbinella pyrum* from Gulf of Mannar, India.	Esther Elsie, T and Thilaga, RD	Journal of Applied and Natural Science	2022	14	1	116-119
Evaluation of Antidiabetic activity of the marine gastropod, *Turbinella pyrum* from Gulf of Mannar, India.	Esther Elsie, T, Jenivi, A and Thilaga, RD	Journal of Pharmaceutical Negative Results	2022	13	1	1006–1009

Book Chapters

Date	Book Title	Chapter Title	Author(s)	ISBN Code	Publisher
Feb, 2026	Recent Trends in Microbial Biotechnology for the Application of Agriculture and Medicine	Screening For Antibacterial Activities In Marine Gastropod *Hemifusus pugilinus* And GCMS Analysis	Dr.S.Jeyaruby, Dr.T.Esther Elsie	978-81-990770-3-4	St. JOSEPH ARTS, SIVAKASI

Online Courses: SWAYAM/NPTEL

NPTEL (8 week course)	Online Certificate Course	Completed	Research Methodology	IIT Madras, Chennai.	Feb-Apr 2024
Coursera	Online Certificate Course	Completed	Google AI Essentials	Google	September 10, 2025

Projects Guided

Program	Number of Dissertations	Number of Beneficiaries
B.Sc.	2	12
M.Sc.	2	2

Proposals Submitted

Name of the Staff	Funding Agency	Applied For
Dr. T. Esther Elsie	Tamil Nadu State Land Use Research Board (TNSLURB)	Financial Assistance to Universities and Colleges – 2026

Genbank Submission

- LOCUS OP559062, 616bp, DNA linear INV 05-OCT-2022, *Tonna dolium* isolate TD cytochrome c oxidase subunit I (COX1) gene, partial cds; mitochondrial.
- LOCUS MW148581, 460bp DNA linear INV 27-OCT-2020, *Tonna galea* isolate ES12 cytochrome c oxidase subunit I (COX1) gene, partial cds; mitochondrial.

Membership

Annual Member of Origene Biosolutions (Membership ID: 6360-0963-7205-0154)

Positions Held in College

- Member of the IQAC (2025 onwards)
- Member of the Faculty Enrichment Forum
- Member of the Placement Committee
- Involved in Community Development Programme