

Name	Dr.S.R.T.Sherly Cross
Qualification	M.Sc., M.Phil., B.Ed., Ph.D.
Designation	Assistant Professor
Year of Joining	22/11/2017
Specialization	Zoology
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Seminars/Workshops/FDP/ Conferences

Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Seminar	National	Participated	Adaption of artificial intelligence in research :Boon or Ban	S.R.R.Govt.Arts and Science College (Autonomous)Karimnagar Telungana	05.2.2025
NEP 2020 Orientation & Sensitization Programme	National	Participated		UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu	15.7.2024 To 24.7. 2024
UGC - Sponsored Webinar on Research and Development	National	Participated		UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE MADURAI KAMARAJ UNIVERSITY	2.3.2024.
“Therapeutic Significance of Marine Organisms: A Scientific Insight through Tamil Literature	International	Participated		St.Mary’s College, Thoothukudi	27.2.2024
4-Week Faculty	National	Participated		Teaching Learning Centre	22.11.23

Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”				Ramanujan College, University of Delhi MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING	21.12.23
Conference on Research Publication: An integrative and Dynamic Approach	National	Participated		St.Mary’s College, Thoothukudi	19.4.2023
Techniques in genome biology	National	Participated		St.Mary’s College, Thoothukudi	8.2.2023 To 10.2.23
Keys to Publish in High Impact Journals	National	Participated		St.Mary’s College, Thoothukudi	7.2.2023
Online Reference Management Tools For Manuscripts and Theses	National Webinar	Participated		St.Mary’s College, Thoothukudi	7.5.2022
Outcome Based research- A Path to Innovation	National Webinar	Participated		St.Mary’s College, Thoothukudi	3.5.2022
Organic - Agro Movement for Sustainable Rural Development and Quality Of Life	International	Participated		Dept. Of Geography and IQAC Seva Bharathi Mahavidyalaya, Kargari, Jharam. West Bengal. Collaboration with UNESCO Gwangju, Jeonnam Association, Korea. Tropical Institute of Earth and Environmental Research, Midnapore, West Bengal.	27.09.2021
World Elephant Day - 2021	National e Webinar	Participated		Government Museum, Tirunelveli	12.08.2021

				Tamil Nadu, India and Department of Zoology Sathakathulla Appa College (Autonomous) Tirunelveli	
Recent Trends in Science and Technoogy	Internatio nal E- Conferenc e	Participated		Mariam Star Center & Department of Botony, St. Mary's College (Autonomous), Thoothukudi	29.04.2021 & 30.04.2021
Advanced Techniques in Micobiolog y	Internation al We binar	Participated		Mariam Star Center , St. Mary's College (Autonomous), Thoothukudi	21.04.2021
Thesis Writing	Internation al	Participated		LIBA & Assumption University, Thailand	21.04.2021
Health Care Analytics	National Webinar	Participated		Mariam Star Center & Department of Microbiology, St. Mary's College (Autonomous), Thoothukudi	19.04.2021 & 20.04.2021
Technologic al Advanceme nts in Science (NWTAS - 2021)	National Webinar	Participated		St. Mary's College (Autonomous), Thoothukudi	16.04.2021 & 17.04.2021
Fisheries in COVID Times and After: Gender, Ground Truths and Growth	National Webinar	Participated		Dr. M.G.R. Fisheries College and Research Institute, TNJFU, Thalainayeru	12.10.2020 To 16.10.2020
ICT Tools for online teaching	National Webinar	Participated		St.Mary's College, Thoothukudi	07.09.2020 To 11.09.2020
Publish to Flourish	National Webinar	Participated		Mizoram University,Aizawl	02.07.2020
A Path to	Interational	Participated		St.Mary's College,	26.06.2020

Wellness: Diabetes and Me	Webinar			Thoothukudi	
E-Content Making	National Level Faculty Development Programme (FDP)			Servite Arts and Science College for Women, T.Idaiyapatty, Thogaimalai, Karur.	22.6.2020 - 26.6.2020
Biodiversity of Mangrove Ecosystems	International Online Training	Participated		Annamalai University, India	21.06.2020
Research Publications and Citations	Webinar	Participated		Mizoram University, Mizoram	16.06.2020
The Upside of Stress: Staying Psychologically fit and Productive during the Pandemic and Beyond 2. Coping with Stress during the 2019-nCoV Outbreak	Webinar	Participated		Mizoram University, Mizoram	10.06.2020
DNA Fingerprinting and its Applications in Genetic Testing	Webinar	Participated		V.O.Chidambaram College, Thoothukudi	08.06.2020
Stemcell Therapy in COVID-19; Present or Future	One Day Online Webinar	Participated		St.Mary's College, Thoothukudi	08.06.2020
The Importance of Symbiotic Microorganisms in Drug Discovery"	Webinar	Participated		Mizoram University, Aizawl	06.06.2020

Patient Centric Healthcare Administration"	National Webinar	Participated		V.O.Chidambaram College, Thoothukudi.	06.06.2020
Study of biomarkers for diagnosis and prognosis of tuberculosis infection 2. Contribution of B-1 Cells during Mycobacterium infection".	National Webinar	Participated		Mizoram University,Mizoram	06.06.2020
COVID 19 - A Herculean Challenge To Human Immunology	National Webinar	Participated		St.Mary's College, Thoothukudi	05.06.2020
Biodiesel from Marine algae	National Webinar	Participated		V.O.Chidambaram College,Thoothukudi	05.06.2020
Salivary metabolomes as a tool for screening cancers at an early stage 2) Advances in Regenerative Medicine - Through IndoJapanese Collaboration	National Webinar	Participated		Mizoram University,Mizoram	05.06.2020
Effective usage of ICT tools for higher education	International Webinar	Participated		Servite Arts and Science College for Women, T.Idaiyapatty, Thogaimalai, Karur.	03.06.2020
Invisible Scholars: Students with Learning Disabilities and Identification of Students with Learning Disabilities	International Faculty Development Programme	Participated		IQAC, St.Mary's College, Thoothukudi	02.06.2020

Bio-Nano Interface for COVID-19	International Virtual Lecture Workshop	Participated		Thiagarajar College, Madurai	31-05-2020
Actions and Reflections in Research Paper Writing	National Webinar	Participated		Nazareth Margoschis College at Pillaiyanmanai, Nazareth, Thoothukudi	30-05-2020
Science communication. 2. Analysis of Scientific Publications for enhanced visibility.	Webinar Under UGC STRIDE Program	Participated		Mizoram University, Mizoram	29-05-2020
An overview of e-content Development "	Webinar	Participated		St.Mary's College, Thoothukudi	29-05-2020
Hormones and Breast Cancer	Webinar	Participated		Mizoram University, Mizoram	28-05-2020
Turn the Challenges to Opportunities : COVID-19 Pandemics and measures to combat by Higher Education of India	Webinar	Participated		Ministry of Human Resource Development, Govt. of India, New Delhi	28-05-2020
Antiviral marine macroalgae sulfated polysaccharides to boost immunity as well as active against respiratory infections	National Webinar	Participated		V.O.Chidambaram College, Thoothukudi	27-05-2020
Influence of Climate Change on Biodiversity Resources	National Webinar	Participated		V.O.Chidambaram College, Thoothukudi	26-05-2020
Synthesis of Biologically active compounds	International Webinar	Participated		Annai College Of Arts And Sciences, Kumbakonam 612001 Thanjavur-	23-05-2020

based on Nitrogen heterosystem .				Dt,	
Outcome Based Education	National Webinar	Participated		Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	22-05-2020 To 29-05-2020
An Insight into NAAC - RAF	National Webinar	Participated		V.O.Chidambaram College,Thoothuku di	22-05-2020
Teaching using ICT Tools	National Webinar	Participated		JP College Of Arts And Science, Agarkattu, Tenkasi	20-05-2020 To 24-05-2020
Mind Your Minds During Lockdown (to counter stress)	National Webinar	Participated		V.O.Chidambaram College,Thoothuku di	20-05-2020
32. Mental Health & Psychosocial Consideration during Lockdown	National Webinar	Participated		St.Mary's College, Thoothukudi	13-05-2020 To 14-05-2020
National Seminar on Scientific Publication and Evaluation: Reference tools, Citation Analysis and Plagiarism.	National Webinar	Participated		Dept of Library and Research Forum, St. Mary's College (Autonomous), Thoothukudi in Technical collaboration with SALIS	03.02.2020
Faculty Deveopment Program on Natural Product Research	Faculty Developm ent Program	Participated		Star College Program, St. Mary's College (Autonomous)m Thoothukudi and Biozone Institute of Research Technologies, Pvt. Ltd	02.01.2020 TO 04.01.2020
Improving Teaching Practice-A Strategic Approach	Faculty Developm ent Program	Participated		IQAC Team St. Mary's College and AAdhi Foundation, Chennai	26-11-2019
Basic Techniques	Faculty Developm	Participated		Department of Zoology, St. Mary's	20-08-2019 TO

in Molecular Biology	ent Program			College (Autonomous) Thoothukudi 628001	22-08-2019
State level Technical Workshop on Intellectual Property Rights	State	Participated		Patent Information Centre- Tamilnadu State Council for Science & Technology, IQACSri.S.Ramasa my Naidu Memorial College, Sattur Virudhunagar District & Department of Science & Technology, Government of India, New Delhi.	18.07.2019 & 19.07.2019
Wonderful world of Oceans – Emerging trends and implications	International	Participated		Department of Zoology, St. Mary's college, Thoothukudi	12.02.2019
An approach to applied life science	Conference	Participated		Department of Microbiology, St. Mary's college, Thoothukud	03.08.2018
Research in India – Current state and future prospects	National	Participated		Marine Research Forum, St. Mary's college, Thoothukudi	11.04.2018
An Approach to Applied Life Sciences	International	Participated		Department of Microbiology. St.Mary's College, Thoothukud	30.08.2018
Fostering Transparency : Routing Out Plagiarism A to Z	National	Participated		Research Forum and Dept of Library St.Mary's College, Thoothukudi	20.07.2018
Diversity and Seasonal Variation of Fishes of Tuticorin Mangrove Ecosystem – Marian	National	Presesnted		Marian Reasearch Forum(MRF) ,St.Mary's College, Thoothukudi	11.04.2018
Academic and Research Integrity in	National	Participated		3- Research Forum and Dept of Library St.Mary's College,	09-12-2017

the Digital World				Thoothukudi	
International Seminar on The Joy Of Living – A Psychological Perspective	International	Participated		Dept of Psychology, St.Mary's College, Thoothukudi	26-09-2017
International Seminar on Global Climate Change – Current Trends and Management	International	Participated		Research Centre for Plant Sciences, Dept of Botany	12-9-2017
Inservice Training Programme for Secondary Grade Science Teachers	Workshop	Served as Resource Person and Member of Organising Committee		Dept.of Zoology St.Mary's College, Thoothukudi and Tamil Nadu State Council for Science and Technology	28-08-2017 To 01-09-2017
Science Day Programme – Marine Campus Rajakamangalam	Workshop	Participated		M.S University, Center for Marine Science & Technology, Marina Campus, Rajakamangalam, TN	28.02.2017

Papers Published

Title	Author(s)	Name of the Journal	Date	Volume	Issue	
1.Length-weight relationship, condition factor, and diet analysis of thresher sharks (Family: Alopiidae) along the southern coast of India	T. Mohanraj a,*, T. Jebarani Rajathy b, S.R.T. Sherly Cross	Fisheries Research journal www.elsevier.com/locate/fishres	2024	277	107067	
2. Marine Elasmobranch Fishery Resources of Therespuram and Keelavaippar, Thoothukudi Coast-a Baseline Survey	S.Motch Arockia Vinista and S.R.T.Sherly	IJRAR UGC No:43602 w.w.w.ijrar.org	2022	9	2349-5138	885-891

	Cross					
3. ANALYSIS OF NUTRITIONAL COMPONENTS AND ACCUMULATION OF HEAVY METALS IN SELECTED BIOINDICATORS IN THERESPURAM AND VEMBAR COAST, THOOTHUKUDI, GULF OF MANNAR.	C. Pratheepa, S.R.T. Sherly Cross	SMC.ZOO Proceedings of UG Project under DBT-Star College Scheme	2021	1	3	15-25
4. Seasonal Variation of Heavy Metals in the Intertidal Gastropod <i>Trochus radiatus</i> of Gulf of Mannar	T. Mohanraj M. Sheeba S.R.T. Sherly Cross T.J.Rajathy	Open Journal of Marine Science, 2021, 11, 92-102 https://www.scirp.org/journal/ojms ISSN Online: 2161-7392 ISSN Print: 2161-7384	2021	11,	ISSN Online: 2161-7392 ISSN Print: 2161-7384	92-102
5. Assesment of Biological Oxygen Demand as an Indicator of Threat to Species in Tuticorin, Gulf of Mannar, Tamil Nadu	J. Malar, M. Sandhya A. Sesilya Priya S. Swetha Devadharshni N. Uma Maheswari Dr.S.R.T.Sherly Cross and	DBT - STAR College Scheme and Dept of Biotechnology Ministry of Science and Technology Govt of India	2020 - 2021	Vol - 1		197 - 202
6. Analysis of Heavy Metal Concentration of Tuticorin Mangrove Eco System	Dr.S.R.T.Sherly Cross and T.Mohanraj	International Conference on Bio-Commerce 2019 Dept. of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, TN.	2019	1	1	58-65
7. Diversity and Seasonal Variation of Fishes in Tuticorin Mangrove Ecosystem	Dr.S.R.T.Sherly Cross and T.Mohanraj	Marian Quest, A BiAnnual Multidisciplinary Research Journal, St.MarysCollegeTuticorin	2018	7	1	103
8. Studies on Plankton Diversity of Tuticorin Mangrove Ecosystem – Shanlax International Journal of Arts ,	Dr.S.R.T.Sherly Cross	Shanlax International Journal of Arts, Science and Humanities.	2018	5	4	292-296

Science and Humanities						
9. Diversity and Distribution of Shore birds in Tuticorin in coastal area of Gulf of Mannar	Dr.S.R.T.S herly Cross	Advances in Applied Science Research	2015	6	4	45-49

Others:

- Red Ribbon Club Co ordinator
- . Active Member of Parent Teacher Association
- Active Member of Red Ribbon Club
- Former Member of Faculty Enrichment Forum
- Former Member of Parent Teacher Association
- Former Member of Road Safety Patrol
- Former member of Examination Committee
- Worked as Woman Cell Co-Ordinator
- Involved in Community Development Programmes
- Performed Duties in Fine Arts Festivals and other Cultural Programmes in College