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Name of the Supervisor with address	Dr. Sr. A. Arockia Jenecius Alphonse Head & Associate Professor of Botany, St. Mary's College (Autonomous), Thoothukudi.
I DC Member	Dr. P. Tresina Soris Assistant Professor of Botany, V.O. Chidambaram College, Thoothukudi.
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DC Meetings

	I DC Meeting	II DC meeting	III DC Meeting
Date	18.02.2022	12.04.2024	-

SEMINARS/WORKSHOPS/CONFERENCES (2021 – 2024)

Title of the Workshop/ Seminar/Training	Type	Paper Presented/ Participated	Title of the Paper	Organised by	Date
Seminar on Narratives of Nature: Exploring the Indigenous Ecology and Environmental Ethics	National	Presented	Enhancement of Biomass and Lipid Production for Ecological Sustainability in <i>Coelastrella</i> spp. by Harnessing	PG and Research Dept. of English in Association with the Dept. of Botany, Under Star College Scheme and St.	09.09.2024

			Light Spectrum	Mary's College (Autonomous), Thoothukudi	
FDP on "In silico Modelling approach for Pharmaceutical Sciences	State	Participated	-	Marian star centre, Dept. of Chemistry, under Star College Scheme.	27.08.2024 - 29.08.2024
Work shop on "Elevate your Research: Author and editor insights for publishing in a reputed journal"	State level	Participated	-	Marine Research Forum, St. Mary's College (Autonomous), Thoothukudi.	20.08.2024
Skill development training programme on "ornamental fish breeding and culture"	State	Participated	-	ICAR- SCAD krishi vigyan Kendra , Vagaikulam, Thoothukudi , Tamil Nadu	06.08.2024 - 10.08.2024
Conference on Bioprospecting approach for a heavenly earth	National	Presented	Harnessing Light Spectrum to Enhance Biomass and Lipid Production in <i>Chlorella</i> spp.	PG and Research Department of Botany , V.O.C college, Thoothukudi.	09.08.2024
Workshop on "Plant DNA taxonomy "	National	Participated	-	Department of Botany of Visakha Govt. Degree college for women (A), Visakhapatnam, AP, India	03.08.2024
Conference on Integrating innovative pedagogies and multidisciplinary research for successful research grants	International	Presented	Optimizing light spectrum for growth and enhanced lipid production in <i>Tetraselmis</i> spp.: A Biochemical analyses	Crossian Centre for Research and Development, Holy Cross College (Autonomous), Nagercoil	25.07.2024 to 26.07.2024

A webinar on plagiarism: ways and means to curb the menace in AI world	Online	Participated	-	Library committee of St. Mary's College (Autonomous), Thoothukudi .	13.03.2024
Conference on "Microalgae: Biodiversity and bio prospecting"	International	Participated	-	Department of Botany , St. Mary's College, (Autonomous), Thoothukudi.	20.02.2024 - 21.02.2024
Lecture cum training on "Taxonomic tale of plant kingdom "	National	Participated	-	Department of Botany , St. Mary's College (Autonomous), Thoothukudi.	08.02.2024 - 09.02.2024
Seminar on "Navigating Consultancy, filing patent and designing research articles: Insight and strategies"	National	Participated	-	Marine Research forum and Internal quality assurance cell (IQAC) of St.Mary's College (Autonomous), Thoothukudi	20.01.2024
Seminar on the recent trends in the role of Microbiota in human health and diseases (RTMHB'23)	International	Presented	Assessing marine water quality and unraveling microbial diversity in three different stations of Thoothukudi Coast	PG and Research Dept. of Microbiology, Sadakathullah Appa College, (Autonomous), Tirunelveli.	28.12.2023
Workshop on "Avoiding predatory publishing : Guidelines for choosing quality journals in the digital age"	Online	Participated	-	Marian research forum, St.Mary's College (Autonomous), Thoothukudi	11.12.2023

Innovations, Biobusiness and startup Ecosystem in Algal Biotechnology – A Carbon Neutral initiative		Participated	-	Department of Microbiology, Madras Christian College, Chennai	06.10.2023
Webinar on Recent Concepts and Perspectives in Mycology	National	Participated	-	Department of Botany, Government Degree College, Ramachandrapuram, Dr. B. R. Ambedkar Kona Seema District, Andhra Pradesh, India	02.10.2023
Conference on Functional Nanomaterials and Nanodevices (ICFNN 2023)	International	Participated	-	Faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu	26.09.2023
One day workshop on academic writing : Authenticity and ethical imperatives (Exclusive hands on training on eajarjav	National	Participated	-	Marine Research forum and library committee of St. Mary's College (Autonomous), Thoothukudi .	20.09.2023
Seminar on “Artificial Intelligence (AI) tools for Education with Special Reference to Chat GPT,GPT 4 & LAMMA”	National	Participated	-	Library Committee and Institution's Innovation Council (IIC) of St. Mary's College (Autonomous), Thoothukudi.	11.08.2023

Expert talk on Utilization of waste into value added products using thermochemical methods	National	Participated	-	Department of Biotechnology, College of science and humanities, SRM institute of science and technology, Ramapuram campus, Chennai.	05.08.2023
Hands on training on basics and applied aspects of Cyanobacteria and instrumentation techniques	Internship	Participated	-	National Facility for Marine Cyanobacteria, Bharathidasan University, Trichirapalli	17.05.2023 to 17.06.2023
Conference on Research Publication: An integrative and Dynamic Approach	International	Participated		Marian Research Forum, St.Mary's College (Autonomous), Thoothukudi.	19.04.2023
Conference on Applied bioscience – A Sustainable developmental Goal	International	Participated		PG and Research Department of Botany, St.Mary's College (Autonomous), Thoothukudi.	28.03.2023 to 29.03.2023
Hands on training programme on Molecular Modelling and Dynamics		Participated		Marian Star Centre, Dept. of Chemistry, St.Mary's College (Autonomous), Thoothukudi.	13.02.2023 to 15.02.2023
Webinar on Genetic, Genomics and breeding of true Bamboos: Emerging Prospects and Future Challenges	International	Participated		Bioingene.com	20.12.2022
Future of Eco Literacy: The Role	International	Participated		Madurai Kamaraj University	03.12.2022 to

of emergent eco centric media					04.12.2022
Training programme on Environmental Monitoring using Advanced Analytical and Molecular Tools		Participated		School of Marine Sciences & School of Environmental Sciences, Bharathidasan University, Tiruchirappalli.	09.11.2022 to 15.11.2022
Conference on Recent Advances in Structural Biology	National	Participated		National college (Autonomous), Thoothukudi	04.11.2022 to 05.11.2022
Intellectual Property Awareness Mission	National	Participated		Intellectual Property Office, India	02.08.2022
Training on Morphological identification, isolation, and culturing techniques of microalgae		Participated		Bharathidasan University, Tiruchirappalli.	20.06.2022 to 25.06.2022
Workshop on opular Science Writing under AWSAR Programme		Participated		NMS Sermathai Vasan College for women, Madurai	13.05.2022
Workshop on Free & Open Source Software (FOSS) for Data Analyses		Participated		Madurai Kamaraj University, Madurai	25.04.2022 to 29.04.2022
Workshop on Research Methodology and Data Analysis using SPSS	National	Participated		PG and Research Department of Commerce, Kamaraj College, Thoothukudi.	06.04.2022 to 08.04.2022
Webinar on Climate change and Future Challenges	International	Participated		Marian Star Centre, Dept. of Botany, St.Mary's College (Autonomous), Thoothukudi.	03.03.2022 to 04.03.2022

FDP on Intellectual Property Rights	-	Participated		Marian Star Centre, Dept. of Botany, St. Mary's College (Autonomous), Thoothukudi.	21.02.2022 to 25.02.2022
Workshop on Microalgal Technology	International	Participated		Marian Star Centre, Dept. of Botany, St. Mary's College (Autonomous), Thoothukudi.	16.02.2022 to 18.02.2022

2. PROCEEDINGS (2023 – 2024)

Paper Title	Author(s)	Conference / Seminar	Year	Page No.	Organized by
Harnessing Light Spectrum to Enhance Biomass and Lipid Production in <i>Chlorella</i> spp.	J. N. Monisha and A. Arockia Jenecius Alphonse	Bioprospecting Approach for a Heavenly Earth (BAHE – 2024)	2024		PG & Research Department of Botany, V. O. Chidambaram College, Thoothukudi
Optimizing light spectrum for the growth and enhanced lipid production in <i>Tetraselmis</i> spp.: A Biochemical analysis	J. N. Monisha and A. Arockia Jenecius Alphonse	Integrating Innovative Pedagogies and Multidisciplinary Research for Successful Research Grants	2024	97 - 104	Crossian Centre for Research and Development, Holy Cross College (Autonomous), Nagercoil
Assessing marine water quality and unraveling microbial diversity from three different stations of Thoothukudi coast	J. N. Monisha and A. Arockia Jenecius Alphonse	The Recent Trends in the Role of Microbiota in Human Health and Diseases (RTMHD'23)	2023		Sadakathullah Appa College (Autonomous), Tirunelveli

3. Awards

- Received **third prize** in paper presentation contest conducted as part of Second Joy Mohandhas Seminar organized by Department of Botany and Research Centre, Women Christian College, Nagercoil on 10.10.2024.
- **Best oral presentation award** for research paper on “Harnessing Light Spectrum to Enhance Biomass and Lipid Production in *Chlorella* spp.” in the National Conference on “Bioprospecting Approach for a heavenly earth” organized by the PG and Research Department of Botany, V.O. Chidambaram College, Thoothukudi on 09.08.2024.
- **Best oral presentation award** for research paper on “Assessing marine water quality and unraveling microbial diversity from three different stations of Thoothukudi coast” in the one-day international seminar on “Recent trends in the role of microbiota in human health and diseases” held on 28th December 2023 organized by the PG and research department of Microbiology, Sadakathullah Appa College (Autonomous), Tirunelveli.