

Name	Dr. F. Dayana Lobo
Qualification	M.Sc., M.Phil., Ph.D
Designation	Assistant Professor
Year of Joining	22.11.2017
Specialization	Taxonomy, Algology & Microbiology
Email id	dayanaignaci@gmail.com dayanalobo1982@gmail.com



Seminars/Workshops/FDP/ Conferences

Title of the Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
FDP on “Global Scenario and Future Prospects in Life Sciences”	State	Participated	-	PG & Research Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.	09.12.2024 to 13.12.2024.
Webinar on Project Management System: VIDWAN /IRINS	State	Participated	-	Library – Learning Research center & Reader’s Club Committee St. Mary’s College (Autonomous), Thoothukudi.	28.11.2024
State Level Workshop on “Elevate Your Research: Author and Editor insights for Publishing in a Reputed Journal	State	Participated	-	Marian Research Forum and Marian Star Centre, St. Mary’s College (Autonomous), Thoothukudi	20.08.2024

NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	National	Participated	-	UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli.	01.07.2024 to 10.07.2024
FDP on Intellectual property rights	National	Participated	-	Institution's Innovation Council, Sacred Heart College (Autonomous), Tirupattur in association with AGAR, Visakhapatnam, Andhrapradesh	04.05.2024 to 10.05.2024
A webinar on Glimpse on open Education Resources (OER) in conjugation with tutorial on ZOTERO: A Reference Management tool	National	Participated	-	Library Committee St. Mary's College (Autonomous), Thoothukudi	20.03.24
FDP on Emerging trends in Plant Sciences	National	Participated	-	Bishop Heber College (Autonomous) Tiruchirappalli	4.03.24 to 11.03.24
FDP on "Exploring Biotechnology: Innovative Applications and Advancements	National	Participated	-	Marian Star Centre, Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	14.02.24 to 16.02.24
Workshop on "Avoiding Predatory Publishing: Guidelines for Choosing Quality Journals in the Digital Age"	National	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi.	11.12.23

Workshop on “Chat GPT and other Artificial Intelligence(AI) Tools for Classroom Teaching and Research”	National	Participated	-	Library Committee and Institution’s Innovation Council, St. Mary’s College (Autonomous), Thoothukudi	07.09.23
Faculty Training program on” Techniques in Genome Biology”	National	Participated	-	Marian Star Centre, PG and Research Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi	08.02.23 to 10.02.23
International Faculty Development Online Certificate Course on “Microscopy – an overview” (Phase I)	International	Participated	-	Department of Microbiology Sacred heart college (Autonomous), Tirupattur - 635 601, Tamil Nadu, India In association with Microbiologists Society, India Biotechnology Society of Nepal & Western Rio Janerio State University, Brazil	03.02.23 to 09.02.23
Online Faculty Development Program on “Biotechnology today and tomorrow: Innovations and implications “	National	Participated	-	Marian Star Centre, Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi	1.09.2022 to 5.09.2022
National webinar on “Online Reference Management Tools for Manuscripts and Theses”	National	Participated	-	The Library Committee and Marian Research Forum, St.	07.05.2022

				Mary's College(Autonomous), Thoothukudi	
Hands on training on Open Source Tools for Research	National	Participated	-	Department of Microbiology, St. Mary's College (Autonomous), Thoothukudi	06.04.2022
One Week Online Faculty Development Programme on "Exploring New Frontiers in Chemical and Biological Science"	National	Participated	-	Marian Star Centre, Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	31.01.2022 to 05.02.2022
Hands-on Tutorial on 'Library without walls: E-Resources through NLIST'	National	Participated	-	The Library committee, St. Mary's College (Autonomous), Thoothukudi	10.01.2022
National webinar on "Prospects of social media tools on knowledge sharing"	National	Participated	-	Institution's Innovation Council and Department of Library, St. Mary's College (Autonomous), Thoothukudi	15.12.2021
National webinar on "Role of Technology in Higher Education"	National	Participated	-	Department of Biotechnology and Microbiology, M.L.S University, Udaipur, Rajasthan.	10.08.2021
National level Virtual Entrepreneurship Development Programme (EDP) on "Recent Trends in Organic farming for Horticulture crops to Rural College Students"	National	Participated	-	P.G & Research Department of Botany, M. R. Govt. Arts College, Mannargudi & Department of Horticulture and	06.08.2021 to 08.08.2021

and Farmers”				Plantation crops Mannargudi	
International Webinar on “ Systematic Research Methodology - A Transformative Tool for Scientific Research”	International	Participated	-	The Marian Research Forum, St. Mary’s College (Autonomous),	22.07.2021
Online workshop on creation of Research ID’s		Participated	-	PG and Research Department of Commerce (Shift –1) in Association with Patrician Research Committee	03.07.2021
FDP on Certificate program on Herbal Technology	National	Participated	-	The Academic Council of AIB, Tirupattur, Tamil Nadu	03.06.2021 to 30.06.2021
A One week Virtual National Faculty Development Programme on “Innovation and IPR”	National	Participated	-	Institution Innovation Council (IIC) in collaboration with Internal Quality Assurance cell (IQAC), Holy Cross College (Autonomous), Nagercoil.	21.06.2021 to 27.06.2021
Webinar on ”Technical Details of Covid-19 Vaccines and Opportunities for Biologists”	National	Participated	-	IQAC, Guru Nanak College (Autonomous) Chennai	25.06.2021
Webinar on “Nanostructures for Applications fabricated via the Electrospinning Technique”	International	Participated	-	Department of Physics, St. Mary’s College (Autonomous), Thoothukudi	24.06.2021
Webinar On Mucormycosis and Post Covid Recovery: Effects, Complications and Solutions	National	Participated	-	The Department Of Plant Biology And Plant Biotechnology	18.06.2021

				Under The Aegis Of Internal Quality Assurance Cell Guru Nanak College (Autonomous), Chennai.	
Webinar on “Microbiome: Understanding host pathogen interactions”	National	Participated	-	PG and Research Department of Zoology, Sadakathullah Appa college, Tirunelveli.	18.06.2021
Webinar on “Plant Metabolic Engineering”	National	Participated	-	Department of Plant Biology and Plant biotechnology Guru Nanak college (Autonomous) Chennai.	15.06.2021
Faculty Development Programme on "Challenges in Energy Management for Smart Cities	International	Participated	-	The Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT	07.06.2021 to 11.06.2021
Webinar on “Present Scenario and Career Perspectives in Aquaculture”	National	Participated	-	Department of Zoology, Michael job college of arts and science for women Sulur, Coimbatore.	04.06.2021
Short Term Course (STC) on Graphis Design Using Photoshop		Organizing committee	-	St. Mary's College (Autonomous), Thoothukudi	24.05.2021 to 29.05.2021

				under Star College Scheme	
Webinar on “Covid 19 Variants - Health and Safety ”		Participated	-	Department of Microbiology in collaboration with Covid Cell, St. Mary’s College(Autonomous),Thoothukudi	19.05.2021
Faculty training programme on “Computational Biology”		Participated	-	Department of Zoology, St. Mary’s College(Autonomous),Thoothukudi	06.05.2021 to 11.05.2021
Webinar on “Increasing Visibility in the Research World Using Academic and Social Media”	National	Participated		Department of Library and Marian Research Forum, St. Mary’s College(Autonomous),Thoothukudi	31.10.2020
Webinar on Marine Biology	International	Participated	-	the PG and Research Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi	11.08.2020
Online Workshop on “Online Teaching-Make it Easy”		Participated	-	Internal Quality Assurance Cell(IQAC),of Government Arts and Science College(Women), Sathankulam on 09	09.08.2020
International webinar on Biotechnology: A sustainable energy solution	International	Participated	-	PG and Research Department of Botany, St. Mary’s College	07.08.2020 and 08.08.2020

				(Autonomous), Thoothukudi	
Webinar on Current issues Emerging over Environment& Education	National	Participated	-	Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli	28.07.2020
Webinar on "Plants and People"		Participated	-	Department of Botany, Sri Parasakthi College for Women, Courtallam	27.07.2020
Webinar on 'Microplastics – Identification, Quantification and its Impact on Marine Biodiversity'	National	Participated	-	Department of PG Zoology, Aditanar College of Arts and Science, Tiruchendur	24.07.2020
Webinar on "Effect of Global climatic Change on biodiversity"	National	Participated	-	PG & Research Department of Zoology, Sri Parasakthi College for Women, Courtallam.	23.07.2020
Webinar on " Science behind Criminal Investigation (SCBI-2020)"		Participated	-	PG & Research Department of Chemistry (SF), Kamaraj College, Thoothukudi	22.07.2020
A webinar on "An overview of Development of Drugs and Vaccines for the Current Pandemic"		Participated	-	Department of Chemistry, St.Mary's College (Autonomous), Thoothukudi	20.07.2020
Webinar on "X-fragile chromosome In human"		Participated	-	Department of Zoology, Michael job college of arts and science for	18.07.2020

				women, Coimbatore	
Webinar on “Advancement in Nanotechnology”	International	Participated	-	Department of Chemistry and Research, Annai Velankanni College, Tholayavattam	18.07.2020
Online Webinar on “Surface Air Pollution and its impact on Environment”		Participated	-	The Department of Physics , A.P.C. Mahalaxmi College for Women, Thoothukudi	15.07. 2020
Webinar on Learning to live with COVID- 19:Embracing the New Reality	National	Participated	-	IQAC, St. Mary’s College (Autonomous), Thoothukudi	11. 07.2020
Two- Day National level E- workshop on “Understanding OBS Studio & Streamyard for E-content creation and Live Streaming	National	Participated	-	Faculty of Humanities and Science, Adayalampattu Phase – II campus, Dr.M.G.R Educational and Research Institute	10.07.2020 and 11.07.2020
An Update on Covid 19	International	Participated	-	IQAC, St. Mary’s College (Autonomous), Thoothukudi	10.07.2020
FDP on “Innovation & Intellectual Property Rights”		Participated	-	The PG Department of Chemistry & APCian Research Forum, A.P.C. Mahalaxmi College for	06.07. 2020

				Women, Thoothukudi	
Seminar on Food Processing Business Opportunities		Participated	-	Department of Mathematics & Humanities, Sri Ramakrishna Institute of Technology, Coimbatore	05.07.2020
“Easy fitness at home” Join & Boost your vigour		Participated	-	Department of Physical Education, Holy Cross College, Tiruchirappalli	04.07.2020
“Molecular diagnostics of Infectious diseases – An introduction”		Participated	-	Department of Zoology, Michael job college of arts and science for women, Coimbatore	03.07.2020
Webinar on “A Path to Wellness : Diabetes and Me”	International	Participated	-	PG and Research Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi	26.06.2020
Online Faculty Development Programme on “E-Content Creation and Online Learning Management System”		Participated	-	Department of Computer Science Mary Matha College of Arts and Science Periyakulam East, TheniDt, Tamilnadu.	16.06.2020 to 20.06.2020
FDP on Research Capacity Building under UGC Scheme, STRIDE Component - 1		Participated	-	V.O.Chidambar am College, Thoothukudi	15.06.2020 to 17.06.2020

Webinar on Genetic factors – The Root cause of drug response variation	International	Participated	-	Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli	13.06.2020
Covid -19 Economic Opportunities and Challenges		Participated	-	DKM College for women (Autonomous), Vellore	12.06.2020
A One day Webinar on Biodiversity - Urgent and Existential concerns		Participated	-	Department of Botany, St. Mary's College (Autonomous), Thoothukudi	10.06.2020
Generation of Genomic Resources and usage of Bioinformatics tool		Participated	-	The Department of Zoology V.O.Chidambaran College, Thoothukudi	09.06.2020
DNA Fingerprinting and its Applications in Genetic Testing		Participated	-	The Department of Zoology V.O.Chidambaran College, Thoothukudi	08.06.2020
One day online webinar on “Stemcell therapy in Covid -19 present in future”		Participated	-	The Department of Microbiology (SSC), St. Mary's College (Autonomous), Thoothukudi	08.06.2020
Online Course on “Time For Nature”, a registered international digital event under UN Environment Programme		Participated	-	International youth Society Tuticorin chapter	06.06.2020
National level Webinar on Biodiesel from Marine Algae	National	Participated	-	The Department of Zoology V.O.Chidambaran College, Thoothukudi	05.06.2020

Webinar on “ Covid 19- A Herculean Challenge to Human Immunology”		Participated	-	The Department of Zoology St. Mary’s College (Autonomous), Thoothukudi	05.06.2020
Webinar on “ Insights into Research”	National	Participated	-	The Yenepoya Institute of Arts, Science, Commerce & Management Mangalore	04.06.2020
Webinar on “ Biodiversity Conservation with Special Reference to Agrobiodiversity		Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	04.06.2020
Webinar on “Bioprospecting of Medicinal plants: Challenges and Opportunities”		Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	03.06.2020
International Faculty Development Programme on “Invisible Scholars: Students with learning disabilities and identification of students with learning disabilities	International	Participated	-	IQAC St. Mary’s College (Autonomous), Thoothukudi	02.06.2020
A Two day Webinar on “Mössbauer spectroscopy - elucidation of magnetic compounds in biological system”		Participated	-	PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi	2.06.2020 to 3.06.2020
International webinar series on Infectious Disease – Biology, Diagnosis, Preventive Strategies of Coronaviruses	International	Participated	-	Loyola College, Chennai	01.06.2020 to 04.06.2020

Webinar on “How to use open Educational Resources to Desire”		Participated	-	The Department of Physics (SSC), St. Mary’s College (Autonomous), Thoothukudi	31.05.2020
Webinar on “Traditional Medicine”		Participated	-	The Department of Botany, Sadakathullah Appa College(Autonomous), Tirunelveli	30.05.2020
Webinar on "Scope for the Utilization of Herbal Medicines for Human Health in COVID-19 like Scenario"		Participated	-	The Department of Botany, V.O.Chidambaran College, Thoothukudi	29.05.2020
A Webinar on “An Overview of E- content Development”		Participated	-	Department of Visual Communication , St. Mary’s College (Autonomous), Thoothukudi	29.05.2020
The webinar on "Antiviral Marine Macroalgae Sulfated Polysaccharides to Boost Immunity As Well As Active against Respiratory Infections"		Participated	-	The Department of Botany, V.O.Chidambaran College, Thoothukudi	27.05.2020
"National workshop on research proposals for UGC stride projects: preparation & submission protocol	National	Participated	-	JP College of Arts & Science, Agarakattu	27.05.2020
Webinar on "Influence of Climate Change on Biodiversity Resources"		Participated	-	The Department of Botany, V.O.Chidambaran College, Thoothukudi	26.05.2020

A One Day Online Faculty Development Programme on “Chemistry of Covid-19 - Threat to Global Public Health”		Participated	-	Department of Chemistry, St. Mary’s College (Autonomous), Thoothukudi	26.05.2020
National Webinar Application of Molecular Markers in Plant Systematics	National	Participated	-	The Department of Botany, V.O.Chidambar am College, Thoothukudi	23.05.2020
Webinar on An Insight Into NAAC - RAF		Participated	-	The Internal Quality Assurance Cell, V.O.Chidambar am College, Thoothukudi	22.05.2020
Webinar on “Bio Diversity”		Participated	-	ECO Club, Mannar Thirumalai Naicker College, Madurai	22.05.2020
Online workshop on Effective Online Teaching Methodologies		Participated	-	Kamaraj College, Thoothukudi	18.05.2020 to 23.05.2020
A One Day International Webinar on “Bioinformatics in Microbiome Research & climate, Biomes and India	International	Participated	-	PG Department of Chemistry, St. Mary’s College (Autonomous), Thoothukudi	17.05.2020

E- Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World”	International	Participated	-	Government Vidarbha Institute of Science & Humanities, Amravati, India	15.05.2020 to 17.05.2020
Online Workshop on “Scientific writings for Journals “		Participated	-	Springer Nature	15.05.2020
Workshop on "Mental Health & Psychosocial Consideration during Lockdown"		Participated	-	St. Mary's College (Autonomous), Thoothukudi	13.05.2020 & 14.05.2020
Three Day online course on Apiculture		Participated	-	Ayya Nadar Janaki Ammal College(Autonomous), Sivakasi	13.05.2020 to 15.05.2020
Webinar on “Selection of Appropriate statistical tools: A critical way for successful Research”		Participated	-	Research Advisory Committee St. Mary's College (Autonomous), Thoothukudi	12.05.2020
Faculty Development Programme on "Research Challenges and Innovations in Renewable Energy Systems	International	Participated	-	The Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT	11.05.2020 to 16.05.2020

A Two – Week MOOC Workshop on Management of Environment and its Resources		Participated	-	Nesamony Memorial College ,Marthandam &St.Xavier's College, Palayamkottai	28.04.2020 to 11.05.2020
E-Content Development Programme		Participated	Phyllotaxy	IQAC, St. Mary's College (Autonomous),Thoothukudi	18.02.2020 to 22.02.2020
National Seminar on Scientific Publication and Evaluation: Reference tools, Citation Analysis and Plagiarism	National	Participated	-	Department of Library and Research forum of St. Mary's (Autonomous), Thoothukudi in collaboration with SALIS (Tirunelveli Chapter)	03.02.2020
Faculty Development Training on Natural Product Research		Participated	-	Bioscience Institute of Life Sciences in house R and D department recognized by Department of Scientific and Industrial	02.01.2020 to 04.01.2020

				Research	
Faculty Development Programme		Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	26.11.2019
A One day National Seminar on e-resources	National	Participated	-	Centre for Teacher Resources and Academic Support, School of Education, Manonmaniam Sundaranar University	25.11.2019
Faculty Development programme on "Basic techniques in molecular biology"		Participated	-	Department of Zoology St. Mary's college (Autonomous) Thoothukudi	20.08.2019 to 22.08.2019
Lecture cum workshop on Miracles of seaweeds		Organized	-	Department of Botany St. Mary's college (Autonomous) Thoothukudi	09.08.2019

One day National Conference on “Recent trends in Bioscience-RTBS	National	Presented	<i>In vitro</i> Antibacterial activity of selected seaweed extracts against human pathogens	Department of Biochemistry, Microbiology & Biotechnology Chennai National Arts and Science College and SPHIER	07.08.2019
Faculty Development programme on “Biostatistics and Bioinformatics		Participated	-	St. Mary's college (Autonomous) Thoothukudi	18.07.2019 to 20.07.2019
Seminar on “Wonderful world of Oceans: Emerging Trends and Implications	International	Participated	-	Department of Zoology St. Mary's college (Autonomous) Thoothukudi	12.02.2019

Seminar on Research in India – Current state and future prospects	National	Participated	-	St. Mary's college (Autonomous) Thoothukudi	11.04.2018
One day regional seminar on “Botanicals entrepreneurship sponsored by Tuticorin educational society		Participated	-	Department of Botany, Kamaraj College, Thoothukudi	23.02.2018
Seminar on Academic and Research Integrity in the Digital world	National	Participated	-	St. Mary's college (Autonomous) Thoothukudi	09.12.2017
National seminar on “E-waste hazards and management” organized by centre for Eco feminine Excellence	National	Participated	-	St. Mary's college (Autonomous) Thoothukudi	09.03.2017
Seminar on Biology for Sustainable Environment	International	Presented	“Biosynthesis of silver nanoparticles and biochemical composition of selected mangrove	Department of Environmental Biotechnology, Bharadhidasan University, Tiruchirappalli	7.03.2017 & 8.03.2017

			from Punnakay al Estuary Tuticorin Coast”		
Workshop on Human Values Development Programme organized by All India Association for Christian Higher Education at on	-	Participated	-	St. Mary's College (Autonomous), Thoothukudi	02.02.2017
Conference on Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics	National	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	27.01.2017 & 28.01.2017
Attended the science academics lecture workshop on Recent Trends in Biological Sciences	-	Participated	-	Department of Microbiology, Kamaraj College, Thoothukudi	17.08.2016 & 18.08.2016
Seminar on Multidisciplinary Research	National	Participated	-	Marian Research Forum (MRF), St. Mary's college (Autonomous), Thoothukudi	20.02.2016
Seminar on Quality Enhancement in Higher Education: Teaching, Learning & Evaluation	National	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	07.01.2016 to 08.01.2016
Conference on Solar Energy	International	Participated	-	St. Mary's College (Autonomous) Thoothukudi	11.02.2015

Workshop on funded Projects: Winning strategies for preparing proposal and impressive presentation		Participated	-	Manomaniam Sundaranar University, Tirunelveli - 12	19.11.2014 to 21.11.2014 .
Seminar on Environmental Protection-ways and means	National	Participated	-	Sermathai vasan College for women, Madurai	16.07.2014
Seminar on Role of Information and Communication technology	National	Participated	-	St. Mary's College (Autonomous), Thoothukudi	31.01.2014 & 1.02.2014
Seminar on Marine Conservation by Thoothukudi	National	Participated	-	APC Mahalakshmi College	18.09.2013
Conference on Global convergence on a finite planet	International	Participated	-	Scad FX Engineering College	21.02.2013 & 22.02.2013
Symposium on current trends in marine plants research and utilization	National	Presented	Antibacterial activity of brown algae extracts from the coast of Tuticorin Studies on the nutritive value of selected seaweeds from Hare Island	Perunthalaivar Kamarajar Arts college, Puduchery	26.10.2012 to 28.10.2012
Seminar on E-resources-A must in today's scholarly world	National	Participated	-	St. Mary's College (Autonomous), Thoothukudi	19.10.2012

Workshop on Effective classroom communication and teaching skills for college teachers	National	Participated	-	Christ University, Bangalore	11.05.2011 & 12.05.2011
Seminar on ensuring the sustainability of coastal environment	National	Presented	Algae in the salt pans of Thoothukudi region	St. Mary's college (Autonomous), Thoothukudi	15.12.2010 & 16.12.2010
Training camp on civic responsibility	National	Participated	-	A.P.C. Mahalakshmi College, Thoothukudi	5.02.2010
Workshop on skill based subject Personality Development and Effective communication		Participated	-	M S University at V. O. C. College, Thoothukudi	14.12.2009 & 15.12.2009

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Phyto-nutritive component identification of selected mangroves (<i>Avicennia officinalis</i> and <i>Rhizophora mucronata</i>) through HPLC and GC	Dr. F. Dayana Lobo 1* , Dr. T. Ponrathy 2 and G. Mary Stephy 3	Bulletin of Environment, Pharmacology and Life Sciences	2024	13	5	76- 82
A comparative study on phytochemical attributes and antibacterial activity of <i>Musa</i> peels	Arokkiya Rosi, B. Banumathi, S.Bapitha, A.Jenifer, A. Thana Lakshmi and Dr. F. Dayana Lobo	SMC Science Updates Star Proceeding	2022	1		23-29
A comparative study of Anthelmintic activities of <i>Solanum xanthocarpum</i> Schrad	X. Iruthya Sharan, I. Jermina, M. Kanaga, S.	SMC Science Updates Star Proceeding	2021	1		27-34

and Wendl and <i>Datura metel</i> L; Leaves	Loorthumini, A. Mahalakshmi, J. Maria Inbant Preethi and Dr. F. Dayana Lobo					
Growth, characterizations, and the structural elucidation of diethyl-2-(3-oxoiso-1,3-dihydrobenzofuran-1-ylidene) malonate crystalline specimen for dielectric and electronic filters, thermal, optical, mechanical, and biomedical applications using conventional experimental and theoretical practices	M. Rajkumar ¹ , J. Maalmarugan ^{2,*} , G. Flora ³ , S. Surendarnath ⁴ , S. Christy ⁵ , P. Periyathambi ⁶ Shank Kumar ^{7,*} , R. P. Patel ⁸ , F. Dayana Lobo ³ , Atul Kumar Singh ⁷ , M. Vimalan ⁹ , and K. SenthilKannan ¹⁰ , *	Journal of Materials Science: Materials in Electron	2021	32	1	1-18
A study on Antifungal activity of different seaweed extracts against plant pathogens.	Dr. F. Dayana lobo and Dr. Maria Victorial Rani	Marian Quest	2015	4	1&2	40-45
A study on antioxidant and antioxidant activity of selected seaweeds from Hare Island of Tuticorin Coast	Dr. F. Dayana lobo and Dr. Maria Victorial Rani	Herbal Chemistry	2014	2	4	1096-1101
Diversity and biochemical composition of seaweeds in oceanic zone of Gulf of Mannar near Hare Island	Dr. F. Dayana lobo and Dr. Maria Victorial Rani	Marian Quest	2013	2	1	75-80
Studies on antibacterial activity of seaweeds against human pathogens	Dr. F. Dayana lobo and Dr. Maria Victorial Rani	Marian Quest	2012	1	2	144-146

Book chapter Published

Title of the book	Author(s)	Title of the chapter published	Year	ISBN of the book	Name of the publisher	Page No.
Nanovaccinology as Targeted Therapeutics	K. Senthil Kannan, F. Dayana Lobo, A. Gayathri, K. Prathebha, A. Jacintha Tamil Malar, B. Maria Sumathi, G. Flora, A. Egbert Selwin Rose	Nano, Peptide Link, Pharma Impact and Electron Density of AMPHB Macro, Nano Crystalline Samples	2022	978-1-119-85734-1	Wiley Online Library	213 - 221
Nanovaccinology as Targeted Therapeutics	Dayana Lobo, F. and Senthil Kannan, K. and Mathivanan, V. and Jacintha Tamil Malar, A. and Christy, S. and Flora, G. and Ganesan, H. and Maalmarugan, J.	Antidiabetic, Anti-Oxidant, Computational, Filter, and Tribological Characterizations of Bis Glycine Lithium Bromide Monohydrate Nano (32 nm) Scaled Crystals	2022	978-1-119-85734-1	Wiley Online Library	157 - 164
Nanovaccinology as Targeted Therapeutics	Flora G., Ganesan H., Maalmarugan J., Egbert Selwin Rose A., Dayana Lobo F., Divya R., Senthil Kannan K. and Sheeba M.	Biomedical, Tribological and Electronic Functionalities of silver Nanoparticles	2022	978-1-119-85734-1	Wiley Online Library	257 - 261

Online Courses:

1. Completed “Dairy and Food Process and Products Technology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Kharagpur through Swayam Portal during July - October 2023 (12 weeks course).
2. Completed “ Environmental Biotechnology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Kharagpur through Swayam Portal during July - October 2022 (12 weeks course)
3. Completed “ Nanotechnology in Agriculture” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Kanpur through Swayam Portal during Feb -April 2022 (8 weeks course)
4. Completed “ Legal and Regulatory Issues in Biotechnology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Kharagpur through Swayam Portal during July -August 2021(4 weeks course)
5. Completed “ Applied Environmental Biology ” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Roorkee through Swayam Portal during January - April 2021(12 weeks course)
6. Completed “Plant Developmental Biology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt. of India) offered by Indian Institute of Technology, Roorkee through Swayam Portal during September - October 2020 (4 week course)

Orientation Program:

Attended Orientation Program from 22.10.23 to 20.11.23 organized by Teaching learning centre Ramanujan college, university of Delhi (Accredited grade 'A++' by NAAC) in collaboration with KM..Mayawati Govt Girls PG college Badalpur, GB nagar, Uttar pradesh under the aegis of Ministry of education Pandit Madan Mohan Malaviya National Mission on teachers and teaching

External Examiner:

1. Serve as an external examiner for the Manonmaniam Sundaranar University B.Sc. degree practical examination at V.O Chidambaram College in Thoothukudi on October 16 and 17th, 2024.
2. Serve as an external examiner for the Manonmaniam Sundaranar University M.Sc. degree practical examination at Kamaraj College in Thoothukudi on April 29th, 2024.

Question Setter:

1. Mushroom Cultivation (1 UG **23-2bysec2**) in Sarah Tucher College Tirunelveli for the year 2024 – 2025.
2. Allied Botany I – Plant Diversity (**23 – IBYA1/ 23 – 3BYA1**) in Sarah Tucher College Tirunelveli for the year 2024 – 2025.
3. Allied Botany I (**23- 1BYAI**) in Sarah Tucker College Tirunelveli for the year 2023 - 2024.
4. Basics of Botany (**23- 1BYFCI**) in Sarah Tucker College Tirunelveli for the year 2023 – 2024.
5. Taxonomy, Embryology of Angiosperms and Medicinal Botany (**23 – 2BYA2/ 21 – 4BYA1**) in Sarah Tucher College Tirunelveli for the year 2022 – 2023.
6. Applied Botany (**21-4BYGEC**) in Sarah Tucher College Tirunelveli for the year 2022 – 2023
7. Medicinal Botany (**18-4BYNME**) in Sarah Tucher College Tirunelveli for the year 2021 – 2022

Faculty Exchange Program:

Gave a lecture on Reproduction and life history of Basidiomycetes for I B.Sc students and Verbenaceae for I M.Sc students at Holy Cross College, Nagercoil on 13.02.24

Others:

- Member of Campus ministry (2008 - 10)
- Member of General Discipline committee (2009 - 11)
- Member of Youth Red Cross (2009-10)
- Member of Road Safety Patrol (2010-11)
- Member of Eco club (2009-15)
- Member of Sports and Games (2016-2019)
- Member of CDP (2016 – 2018; 2024 - 25)
- Member of centre for cultural Excellence (Dance) (2011 - 25)
- Member of certificate course (2019-21)
- M. Phil Project guided -1
- Green Campus (2019 - 20)

- Member of Examination Committee (2021-22)
- Member of Entrepreneur (EDP) (2022 -25)

YRC

- Participated in one day study cum training camp on 'Civic Responsibility' organized by the youth Red cross of A.P.C. Mahalaxmi College, Tuticorin on 05.02.2010

Eco- friendly activities

- Participated in the coastal cleanup day organized by South Asian Cooperative Environment Programme (SACEP, an united nations Environment Programme) and Indian Coast Guard held at Tuticorin on 25th September 2010.
- Participated in the coastal cleanup day organized by South Asian Cooperative Environment Programme (SACEP, an united nations Environment Programme) and Indian Coast Guard held at Tuticorin on 17th September 2011 .