

Name	Dr. F. Dayana Lobo
Qualification	B.Sc., M.Sc., M.Phil., Ph.D
Designation	Assistant Professor
Year of Joining	22.11.2017
Specialization	Taxonomy & Microbiology
Email id	dayanaignaci@gmail.com
Mobile No.	9940867904 8637496382



Seminars/Workshops/FDP/ Conferences

Title of the Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
National webinar on “Online Reference Management Tools for Manuscripts and Theses”	National	Participated	-	The Library Committee and Marian Research Forum, St. Mary’s College(Autonomous), Thoothukudi	07.05.2022
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 and Farmers”	National	Participated	-	P.G & Research Department of Botany, M. R. Govt. Arts College, Mannargudi & Department of Horticulture and Plantation crops Mannargudi	06.08.2021 to 08.08.2021
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 Under The Aegis Of Internal Quality Assurance Cell Guru Nanak College (Autonomous), Chennai.	18.06.2021
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	04.06.2021

				Sulur, Coimbatore.	
Short Term Course (STC) on Graphis Design Using Photoshop		Organizing committee	-	St. Mary's College (Autonomous), Thoothukudi under Star College Scheme	24.05.2021 to 29.05.2021
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 (Autonomous), Thoothukudi	07.08.2020 and 08.08.2020
Webinar on Current issues Emerging over Environment&	National	Participated	-	Department of Botany, St. Joseph's College	28.07.2020

Education				(Autonomous), Tiruchirappalli	
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 women, Coimbatore	18.07.2020
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		Participated	-	The Department of Physics , A.P.C. Mahalaxmi College for Women,	15.07.2020

Environment”				Thoothukudi	
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 Women, Thoothukudi	06.07.2020
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.Chidambaram 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.Chidambaram College, Thoothukudi	09.06.2020
DNA Fingerprinting and its Applications in Genetic Testing		Participated	-	The Department of Zoology V.O.Chidambaram	08.06.2020

				College, Thoothukudi	
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.Chidambaram College, Thoothukudi	05.06.2020
Webinar on “ Covid 19-A Hercuean 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	International	Participated	-	IQAC St. Mary’s College (Autonomous), Thoothukudi	02.06.2020

learning disabilities and identification of students with learning disabilities					
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.Chidambaram 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		Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	27.05.2020

against Respiratory Infections"					
"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.Chidambaram 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.Chidambaram College, Thoothukudi	23.05.2020
Webinar on An Insight Into NAAC - RAF		Participated	-	The Internal Quality Assurance Cell, V.O.Chidambaram 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		Participated	-	Research Advisory Committee St. Mary's College (Autonomous), Thoothukudi	12.05.2020

successful Research”					
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 Research	02.01.2020 to 04.01.2020
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 SPHER	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	Department of Environmental Biotechnology, Bharadhidasan University, Tiruchirappalli	7.03.2017 & 8.03.2017

			selected mangrove from Punnakal 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.
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
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
A study on	Dr.F.Dayana lobo and	Herbal	2014	2	4	1096-

antioxidant and antioxidant activity of selected seaweeds from Hare Island of Tuticorin Coast	Dr.Maria Victorial Rani	Chemistry				1101
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
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 Shashank 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

Online Courses:

1. 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)
2. 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)
3. 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)

Others:

- Member of Campus ministry(2008- 09; 2009-10)
- Member of General Discipline committee (2009-10;2010-11)
- 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)
- Member of centre for cultural Excellence (Dance) (2011-22)
- Member of certificate course (2019-21)
- M. Phil Project guided -1
- Green Campus (2019 - 20)
- Member of Examination Committee (2021-22)

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 .