

Name	Dr. S. Beulah Jerlin
Qualification	M.Sc., M.Phil., Ph.D.
Designation	Assistant Professor
Year of Joining	01/08/2014
Specialization	Ecological Studies (Field and Lab)
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### Seminars/Workshops/FDP/ Conferences

Title of the Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Exploring the Frontiers of Research: Perspectives on the Ethical Challenges and Technological Disruptions.	International Conference	Participated	-	Research Forum St. Mary's College (Autonomous), Thoothukudi	19.12.2024
Elevate Your Research: Author and Editor Insights for Publishing in a Reputed Journal	State Level Workshop	Participated	-	Research Forum St. Mary's College (Autonomous), Thoothukudi	20.08.2024
Bioprospecting Approach for a Heavenly Earth	National Conference	Participated	-	PG and Research Department of Botany VOChidambaram College, Thoothukudi	09.08.2024
"7 Days Online Faculty Development Programme on Essential Skills for Professional Development in Higher Education"	National	Participated	-	Star International Foundation for Research and Education	01.07.2024 -07.07.2024

“Nature Based Solutions (NBS), A Sustainable Approach for Environmental Conservation: A Paradigm Shifts”	National	Participated	-	VOChidambaram College, Thoothukudi	27.03.2024
Glimpse on Open Education Resources (OER) in conjunction with tutorial on Zotero: A Reference Management Tool	Local	Participated	-	Library Committee of St. Mary’s College (Autonomous) Thoothukudi	20.03.2024
A Webinar on Plagiarism: Ways and Means to Curb the Menace in AI World	National	Participated	-		13.03.2024
Role of Women Empowerment in Economic Development	National	Paper Presented	Fungi for Financial Freedom Unveiling Opportunities in Mushroom Cultivation for Women in Tamilnadu	Department of Economics & Women Cell RKSD College, kaithal, Haryana	05.03.2024
Workshop on “Academic Writing: Authenticity and Ethical Imperatives”	Local	Participated	-	Research Forum and Library Committee, St. Mary’s College (Autonomous), Thoothukudi	20.09.2023
Workshop On “Chat GPT and other Artificial Intelligence(AI) Tools for Classroom Teaching and Research”	Local	Participated	-	Library Committee and Institution’s Innovation Council, St.Mary’s College(Autonomous), Thoothukudi	07.09.2023

“Keys to Publish in High Impact Journals”	International	Participated	-	Marian Research Forum, St.Mary’s College(Autonomous), Thoothukudi	07.02.2023
“NAAC Accreditation process : Preparation and stackholders feedback”	National	Participated	-	VOChidambaram College, Thoothukudi.	12.11.2022
“Shikshak Parv” “NEP 2020 and Indian Knowledge Tradition: Changing Role of Teachers”		Participated	-	JAWAHARLAL NEHRU UNIVERSITY	08.09.2022
Emerging Trends in Microbial Technology	National	Participated	-	Marian Star centre Department of Botany, St. Mary’s College (Autonomous) Thoothukudi	08.09.2022
“The Role of IQAC in Quality Sustenance and Quality Enhancement in the Context of Revised Assessment and Accreditation Framework (RAAF) in Higher Education Institution (HEI)”	National	Participated	-	THE MADURAI DIRAVIYAM THAYUMANAVAR HINDU COLLEGE  TIRUNELVELI-627 010	15.09.2022 & 16.09.2022
“Shikshak Parv” on the topic “NEP 2020: Changing Role of Teachers”		Participated	-	JAWAHARLAL NEHRU UNIVERSITY	06.09.2022
Biotechnologist Today and Tomorrow: Innovations and	FDP	Participated	-	Marian Star Centre and PG and Research Department of	01.09.2022-05.09.2022

Implications.				Zoology St. Mary's College (Autonomous), Thoothukudi,	
Multilingual Thirukkural world Record Programme	International	Participated		Manitham Vithaipom, All India Book of Records AmericaMutamil World Record, Manitham Vithaipom Int Tv.	15.08.2022 — 10.10.2022
“Startup company – it's legal issues and ethics’	National	Participated		Institution's Innovation Council and Library Committee, St. Mary's College (Autonomous), Thoothukudi	30.08.2022
“Online Reference Management Tools for Manuscripts and Theses”	National Webinar	Participated		Library Committee and Marian Research Forum, St. Mary's College(Autonomous), Thoothukudi	07.05.2022
In-service Teacher Training Program	State Level	Participated		Tamil Nadu State Council for Higher Education Ghennai and MS University	05-05.2022-06.05.2022
International webinar on climate change and future challenges	International	Participated		Marian Star centre Department of Botany, St. Mary's College (Autonomous) Thoothukudi	03.03.2022 — 04.03.2022
Importance of IP in Scientific Research – An Overview	International	Participated		Marian Research Centre, St. Mary's College (Autonomous)	01.03.2022

				Thoothukudi	
Intellectual Property Rights	FDP			Marian Star centre Department of Botany, St. Mary's College (Autonomous) Thoothukudi	21.02.2022-25.02.2022
Micro algal Technology	Workshop	Participated		Marian Star centre Department of Botany, St. Mary's College (Autonomous) Thoothukudi	16.02.2022 – 18.02.2022
Wetland Conservation	International Webinar	Participated		NSS College Department, Nemmara, Palakkad, Kerala	05.02.2022
“Strengthening Your Understanding of Research Journals” (Reading, Referencing and Publishing)”	International	Participated		K. J. Somaiya College of Science and Commerce in collaboration with ELSEVIER	10-07-2021
International webinar series on Skill Requisites for a Successful Career	International	Participated		Pearl Research Centre for History, Culture and Tourism, St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu.	24-06-2021 to 30-06-2021
State level Webinar on Delicious and Medicinal Mushroom Culture Techniques, Lab to Farm Approach	State	Participated		Department of Botany, Sadakathullah Appa College (Autonomous)	28-06-2021
National 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	18-06-2021

				Quality Assurance Cell Guru Nanak College (Autonomous), Chennai, 42.	
National Level Webinar On "Plant Metabolic Engineering".		Participated		Department of Plant Biology and Plant Biotechnology Guru Nanak College (Autonomous), Chennai	15-06-2021
International Faculty Development Programme on Challenges in Energy Management for Smart Cities (CEMSC)	FDP	Participated		Department of Electrical and Electronics Engineering Aarupadai Veedu Institute of Technology Paiyanoor, Chennai – 603 104 Tamil Nadu, India	07-06-2021 to 11-06- 2021
Webinar on Reimagine, Recreate and Restore the Environment, conducted		Participated		Department of of Botany.Holy Cross College (Autonomous) Nagercoil	05-06-2021
Faculty Training Programme on Computational Biology	FTP	Participated		Marian Star Centre and PG and Research Department of Zoology St. Mary's College (Autonomous), Thoothukudi, & Department of Zoology Rani Anna Government College for Women, Thirunelveli. Tamil Nadu.	06-05-2021 to 11-05- 2021

International E-Conference on Recent Trends in Science and Technology	International	Participated		Marian Star Centre and PG and Research Department of Botany St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu.	29-04-2021 & 30-04-2021
National Webinar on Technological Advancements in Science (NWTAS 2021)	National	Participated		Marian Star Centre and School of Physical Sciences, St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu.	16-04-2021 & 17-04-2021
“ How to ace your summer internship”	Career Talk	Conducted		Internshala	26-03-2021
“ Theory Building Research”	International	Participated		Marian Research Forum. St. Mary's College (Autonomous) Thoothukudi	12-03-2021
National webinar on Academic visibility in the digital world	National	Participated	-	Department of Library St. Mary's College (Autonomous) Thoothukudi	12-02-2021
International Webinar on Marine Biology	International	Participated	-	Department of Botany St. Mary's College (Autonomous) Thoothukudi	11-08-2020
National Webinar on Forensic Science	National	Participated	-	Karunya Deemed University Coimbatore	08-08-2020
BIOTECHNOLOGY: A SUSTAINABLE	Local	Participated	-	Department of Botany St. Mary's College (Autonomous) Thoothukudi	07-08-2020

ENERGY SOLUTION					
How to conduct online Assessment Evaluation: Publishing for units Test and Term Exams	State	Participated	-	ADMS, Microsoft Partner master Soft	11-07-2020
Online Faculty Development Programme Inclusive Procedure and Process in Assessment and Accreditation by NAAC.	National	Participated	-	St.Joseph's College (Autonomous) Tiruchirappalli-620001	30.06.2020 To 04.06.2020
Influence of Climate Change on Biodiversity Resources	Local	Participated	-	PG and Research Department of Botany V.O. Chidambaram College, Thoothikudi	29.06.2020
Webinar on Basic Author Workshop Research Article writing and Reference Management Using Mendeley	National	Participated	-	Annamalai University In Collaboration With ELSEVIER	22.06.2020
Research Capacity building Three day Faculty Development	Local	Participated	-	Under UGC Scheme, STRIDE V.O. Chidambaram College, Thoothikudi	15.06.2020 To 17.06.2020



Programme				Component-1	
A Oneday Webinar on Biodiversity – Urgent and Existential concern	Local	Participated	-	PG and Research Department of Botany St.Mary's College (Autonomous), Thoothukudi.	10.06.2020
Natural and health Management	National	Participated	-	Department of Botany Periyar University Constituent College Harur	10.06.2020 To 16.06.2020
Biodiversity Conservation with special reference to AgroBiodiversity	Local	Participated	-	PG and Research Department of Botany V.O. Chidambaram College, Thoothikudi	04.06.2020
Bioprospecting of Medicinal Plants Challenges and Opportunities	Local	Participated	-	PG and Research Department of Botany V.O. Chidambaram College, Thoothikudi	03.06.2020
International Webinar on Effective usage of ICT Tools for Higher education	International	Participated	-	Servite Arts and Science College for Women T. Idaiyapatti. Thogamalai.	03.06.2020
Invisible Scholars: Students with learning Disabilities and Identification of students with learning disabilities.	National	Participated	-	IQAC St.Mary's College (Autonomous), Thoothukudi.	02.06.2020
A Two day Webinar on Massbauer	Local	Participated	-	PG and Research Department of Botany	02..06.2020 & 03.-6.2020

Spectroscopy Elucidation of Magnetic Compounds in Biological System				St.Mary's College (Autonomous), Thoothukudi.	
Cisco Webex Meeting “ FDP on Capacity Building for Teachers during & Post Covid-19”	National	Participated	-	Godavari Institute of Engineering and Technology (A) Rajamahendravaram. Andhra Pradesh.	28.05.2020 29.05.2020
Webinar on” Scope for the Utilization of Herbal Medicines for Human Health in COVID -19 like Scenario”	Local	Participated	-	V.O. Chidambaram College, Thoothikudi	29.05.2020
Three Days online workshop on Academic Process, Measures and Metrics for NAAC Accreditation In Collaboration with Integrated Intelligent Research (IIR)	National	Participated	-	Srinivasan College of Arts & Science, (Affiliated to Bharathidasan University, Trichy) Perambalur - 621212	25.05.2020 27.05.2020
Webinar on”Antiviral marine macroalgae sulfated polysaccharides to boost Immunity as well as active	Local	Participated	-	V.O. Chidambaram College, Thoothikudi	27.05.2020

against respiratory infections”					
Research Proposal for UGC Stride Projects: Preparation and submission Protocol.	National	Participated	-	JP College of Arts and Science, Ayikudi, Tenkasi. Associated with Audacious Drem's foundation.	27.05.2020
Webinar on “Influence of Climate Change on Biodiversity Resources”	Local	Participated	-	V.O. Chidambaram College, Thoothukudi	26.05.2020
Sky campus – Super Session on Change is the Essence of Life	National	Participated	-	ICT Academy	25.05.2020
Webinar on “Application of molecular Markers in Plant Systematics”	Local	Participated	-	V.O. Chidambaram College, Thoothukudi.	23.05.2020
Webinar on “Teacher Resilience: The Blueprint for Efficiency during Uncertainty”	Local	Participated	-	St. Mary's College (Autonomous), Thoothukudi & Annammal College of Education for Women Thoothukudi	23.05.2020
Webinar on “An Insight into NAAC RAF”	Local	Participated	-	V.O. Chidambaram College, Thoothukudi.	22.05.2020
Online Work Shop	National	Participated	-	Springer Nature	15.05.2020

on Scientific writings for Journals					
“Plant molecular biology in Space”	State	Participated	-	Nirmala college (autonomous) Coimbatore	14.05.2020
Online workshop on “Mental Health & Psychosocial Consideration during Lockdown”	Online workshop	Participated	-	St. Mary’s College (Autonomous), Thoothukudi	13.05.2020 & 14.05.2020
Corono Awerness Quize - 2020	State	Participated	-	Sri Krishna College of Technology, Coimbatore	29.04.2020
One Week Capacity Building workshop on e – content development	Local	Participated	-	St. Mary’s College (Autonomous), Thoothukudi	18.02.2020-22.02.2020
National Conference on “Emerging Trends In Algae”	National	Presented	Effect of Seaweed liquid fertilizer on the germination and growth of Radish ( <i>Raphanus sativus</i> .L )	St.Xaiver’s College, (Autonomous) Palayamcottai, Tirunelveli District, Tamilnadu	28.11.2019 & 29.11.2019
National Conference “Challenges and Provisions in Stem Cells and Cancer Research”	National	Participated	-	St. Mary’s College (Autonomous), Thoothukudi	16.09.2019
National workshop on “Writing Research Proposal	National	Participated	-	St. Mary’s College (Autonomous),	14.09.2019

for Funded Projects”				Thoothukudi	
National Seminar on “Disruptive Innovation in Higher Education Curriculum – Quality Enhancement of Digital Natives and Promoting Social Equity”	National	Participated	-	Fatima College (Autonomous) Madurai	30.08.2019
National Workshop on “Publishing Research Articles in Scopus Indexed Journals”	National	Participated	-	Crossian Research Forum Holy Cross College (Autonomous) Nagercoil	28.08.2019
International Seminar on ‘Wonderful World of Oceans: Emerging Trends and Implications.	International	Participated	-	Department of Zoology, St. Mary’s College (Autonomous) Thoothukudi.628 001.	12.02.2019
International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR -2018)	International	Presented	Effect of Stone Crushers Dust on Chlorophyll Content of Some Medicinally Valuable Plants from Sri Moolakka	V.O.Chidambaram College, Thoothukudi	19.04.2018 & 20.04.2018

			rai Village of Thoothuk udi District		
National Seminar on Research in India- Current State and Future Prospects	National	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	11.04.2018
National Seminar on Academic and Research Integrity in the Digital World	National	Participated	-	Research Forum and Department of Library, St. Mary's College (Autonomous), Thoothukudi	09.12.2017
Pannattuparapil Thamilzh Iakkia pokkugal	Inter national	Presented	Feeding Behaviour of Bat in Ettuthogai	St.Mary's College,Thoothu k udi, Semoothai Pathippagam,Che nnai, Sultan Idris Education University, Malaysia	22.11.2017
A One day Research Orientation Programme for Research Supervisors of Manonmaniam Sundaranar University	Local	Participated	-	IQAC & Centre for Research, Manonmaniam Sundaranar University, Tirunelveli.	01.11.2017
Science Academies' Education Lecture Workshop in Botany on "Recent Trends in Biodiversity and its Conservation (RTBC'17)	National	Participated	-	Department of Botany, Sri Kumara Gurupara Swamigal Arts College, Srivaikundam	15.02.2017 & 16.02.2017
State level lecture workshop on Multi Disciplinary Research	State level	Paper presented	Biosynthe sis and of silver nanopartic les from the mangrove	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	7. 02. 2017

			<i>Avicennia marina</i>		
National Conference on Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics	National	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	27.1.2017 & 28.1.2017
National conference on Recent trends in plant sciences	National	Paper presented	Impact of urbanization on plant diversity: A case study of Korampallam village in Thoothukudi District:	St.Xavier's College, (Autonomous) Palayamcottai, Tirunelveli District, Tamilnadu	24.01.2017 & 25.01.2017
Science Academies Lecture Workshop on "Current Scenario in Plant Sciences"	National	Participated	-	PG and Research Department of Botany, V.O.Chidambaram College, Thoothukudi	28.12.2016 & 29.12.2016
National Conference on "Emerging Infectious Disease and Curative Measures"	National	Participated	-	PG Department of Microbiology, Kamaraj College, Thoothukudi.	22.12.2016 & 23.12.2016
Three day Conference on "Benchmarking Procedures and Practices for Quality Enhancement in Higher Education	National	Participated	-	Christ University, Bengaluru	22& 24.11.2016
National conference on "Immune Response of Marine Fishes with Respect to Heavy Metal Pollution"	National	Participated	-	CAS in Marine Biology, Annamalai University	05.08.2016 & 06.08.2016
One day dissemination	Local	Participated	-	Red Cross Society,	03.07.2016

programme				Thoothukudi.	
International Tamil Conference	International	Paper presented	Painted Stolk in Sanga Illakiyam	St.Mary's college (Autonomous), Thoothukudi	19.03.2016
One day National Seminar on Multidisciplinary Research	National	Participated	-	Marian Research Forum (MRF), St.Mary's college (Autonomous), Thoothukudi.	20.02.2016
Eye donation Awareness camp	Local	Participated	-	Lions Club International and Lions Club of Sivakasi Cracker city St. Mary's College (Autonomous), Thoothukudi	11.01.2016
Seminar on Quality Enhancement in Higher Education: Teaching, Learning & Evaluation,	National	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	07-01-2016 & 08-01-2016
One day dissemination programme	Local	Participated	-	Indian Red Cross society, at Thoothukudi.	27.09.2015
Ornamental Fish and Culture Management	Local	Participated	-	St. Mary's College (Autonomous), Thoothukudi	02.09.2015
Seminar on Bioinformatics	National	Participated	-	Department of Bioinformatics, School of Life Sciences, Bharathidasan University, Tiruchy.	28.01.2015 & 29.01.2015
Workshop on Funded projects: Winning Strategies for preparing and proposal and impressive presentation	National	Participated	-	Manonmaniam Sundaranar University, Tirunelveli	19.11.2014 to 21.11.2014
Workshop on Molecular Biotechnology &	Local	Participated	-	St. Mary's College (Autonomous),	12.09.2014 & 13.09.2014



Bionanotechnology				Thoothukudi	
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### Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Evaluating Medicinal Plant Importance and Community use pattern in Korampallam Village, Thoothukudi District, Tamil Nadu	Pauline Jenifer. S and <b>Beulah Jerlin. S</b>	Indian Journal of Natural Sciences	2025 (WOS)	16	89	905-90585
Fungi for Financial Freedom Unveiling Opportunities in Mushroom Cultivation for Women in Tamilnadu	Selvaananthi A & <b>Beulah Jerlin S</b>	Proceeding on National Seminar on Role of Women Empowerment in Economic Development	2024			
Ethnobotanical Survey of Medicinal Plants in Korampallam Village. Thoothukudi Districts. Tamilnadu, India.	Pauline Jenifer and Dr.S Beulah Jerlin	International Journal of Pharmacognosy and Phytochemical Research	2022	14		6-17
Antibacterial and Antioxidant activity of selected plants used in the treatment of Urolithiasis.	S. Pauline Jenifer, S. Beulah Jerlin, and G. Archana Devi	Proceeding on International Seminar on Plant Response in Climate Change	2022			
Morphological, Phytochemical and	Beulah	International Jour	2022	14	06	71-79

Fourier-transform infrared spectroscopy (FTIR) spectroscopic analysis of selected species of Portulacaceae-A Study	Jerlin S Santhiya Raichel M	nal of Current Research and Review,				
Comparative study on the phytochemical analysis and antioxidant assessment of medicinal plants used to treat Urolithiasis	Pauline Jenifer and Dr.S Beulah Jerlin	Internatio nal Journal of food and nutritiona l Sciences	2021	10	6	258 - 263
Exploring the chemical finger prints: Fourier Transform Infrared spectroscopy analysis of selected plants used in the treatment of Urolithiasis	Pauline Jenifer and Dr.S Beulah Jerlin	Internatio nal Journal of food and nutritiona l Sciences	2021	10	6	274 - 281
Preliminary phytochemical screening and pharmacognostic studies on leaves of selected weeds ISBN – 978-93-80430-59-1	JeyaSanthiya Jothikani Kavitha Kavitha Keerthiga Madathi Samuel.BeulahJ erlin	SMC Science Updates Proceedi ng of UG Project under DBT- STAR College scheme	2021			34- 54
Study on the Effect of Fertilizers and Hydrogen Peroxide on Soil Property, Growth, Yield and Nutrient Content of <i>Abelmoschus Esculentus</i> (L.) Moench  ISSN Online: 2580-6815  ISSN Print:2337-9782	Selvaananthi A& Beulah Jerlin S	Internatio nal Journal of Agricultu re Research System	2020	8	2	77- 84
Effect of Stone Crushers Dust on Chlorophyll Content of Some Medicinally Valuable Plants from Sri Moolakkarai Village of	Beulah Jerlin, S.	Internatio nal Journal of Recent	2018		Speci al issue	495 - 498

Thoothukudi District		Research Aspects I				
Biosynthesis of silver nanoparticles from the mangrove avicennia marina and its applications	Beulah Jerlin, S. and Josephine Mary Beula, S	International Journal of Development Research	2017	7		11 Pages
Zinc solubilizing bacteria from rhizospheric soil of mangroves.	Beulah Jerlin, S., Sharmila, S., Kathiresan, K., Kayalvizhi, K.	International Journal of Microbiology and Biotechnology.	2017	2	3	148 - 155
Medicinal flora of Koothakulam Bird Sanctuary	Beulah Jerlin, S., John De Britto, A., Balasingh, J., Swamidoss, D.P., Prakash, A.A.,	Journal of Ecology	2004	16	1	7 – 16
Interactive effect of atrazine and GA3 on growth nodulation and nitrogen constituents of <i>Vigna mungo</i>	Beulah Jerlin, S	Ecotoxicology and Environmental Monitoring	2002	12	1	41 - 47
Effects of Atrazine on growth nodulation and nitrogen constituents of <i>Vigna mungo</i>	Beulah Jerlin, S.	Journal of Ecotoxicology and Environmental Monitoring	2001	11	3	209 – 214
Seasonal changes in Biomass in a tropical scrub jungle in Tirunelveli, Tamilnadu, India	Balasingh, A., Selvin Samuel, Abraham Muthukumar, P., Tiruchenthil Nathan, and S. Beulah Jerlin	Indian Journal of Environment and Ecoplanning,	2001	4	1	109 - 114

Medicinal Flora of a tropical scrub jungle	J.Balasingh, P.Tiruchenthilnathan, S.Beulah Jerlin	Journal of Economic and Taxonomic Botany	2000	24	3	737 - 745
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### Book Chapter Published

Chapter Title	Book Title	Author(s)	ISBN NO	Publisher	Year
Feeding Behaviour of Bat in Ettuthogai	Pannattu Parapil Tamil Illakia Pokkugal	Beulah Jerlin, S	978-93-81006-09-2	Semmoodhai Pathippagam	2017
Painted Stork in Sanga Illakiyam	Pazhanthamizhar Vazhvum Varalarum	Beulah Jerlin, S	978-93-81006-11-5	Semmoodhai Pathippagam	2016

### As Resource Person

Name of the Institution	Invited As	Topic/Event	Date
St. Francis Xavier Hr.Sec. School, Thoothukudi	Guest Lecturer-Caussanel Science Club Inauguration Ceremony	Biodiversity and its Conservation	11.04.2022
St. Mary's College (Autonomous) Thoothukudi	Instructor – Student's Induction Programme	Horticulture	14.12.2021 & 15.12.2021
Good Shepherd Model School. Thoothukudi	Resource Person	International women's day celebration	7.03.2020
V.O.C. College, Thoothukudi.	Chairperson	International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR -2018)	19.04.2018
Botany Association Meeting	II & III UG Students St Mary's College	The Sparrow	22.03.2018

	(Autonomous) Thoothukudi		
NSS Camp Silverpuram	Resource person NSS Students, St Mary's College (Autonomous) Thoothukudi	Herbal Health Care Product	07.03.2018
Annammal College of Education, Tuticorin	Content enrichment training for PG teachers	Botany	22.09.2017
Annammal College of Education, Tuticorin	Planning meeting of mentors (Training to PG teachers)	Botany	05.09.2017
St.Mary's College Thoothukudi	Resource person	The world of plants. Inservice training to the secondary grade science teachers of government schools in Thoothukudi district.	28.08.2017 – 01.09.2017

#### TV Programme:

Name of The Programme	Youtube Link	Title/ Event	Date
June Teen Day	<a href="https://youtu.be/ukOltXh4Dh8">https://youtu.be/ukOltXh4Dh8</a>	Stress Management	19-Jun-2021
June Teen Day	<a href="https://youtu.be/VYv2Kh2N-EY">https://youtu.be/VYv2Kh2N-EY</a>	Education- Past,present,Future	19-Jun-2021
June Teen Day	<a href="https://youtu.be/D1mamxVZYII">https://youtu.be/D1mamxVZYII</a>	Career Guidance	19-Jun-2021

#### Others:

**Guideship :** MSU/RES/INT/GUIDESHIP/R5/2017

No of Scholars: 4 (Doing) and 1 Submitted.

#### Certificate Courses

Course	University /Institution	Class	Year
NPTEL 12 weeks Online Certificate Course	Basics of Health Promotion and Education Intervention	Successfully Completed	September 2022
NPTEL 12 weeks Online Certificate Course	Environmental Biotechnology	Successfully Completed	October 2022

NPTEL 8 weeks Online Certificate Course	Bio Medical Nano Technology	Successfully Completed	Aug – Sep 2021
NPTEL 8 weeks Online Certificate Course	Organic Farming and sustainable agriculture production	Elite- 2Credits	Sep-Nov 2020
Home Study in Ornithology	Rishi Valley Education Centre, Chittoor, A.P	-	2001
CGT	Manonmaniam Sundaranar University, Tirunelveli	First	1992

### **Responsibilities Held**

- Member of Doctoral Advisory Committee – St. Xavier's College, (Autonomous) Palayamkottai
- Member of UG Evaluation Board MS University
- Youth Red Cross Club (2015-2016 & 2016-2017)
- Career Guidance and Placement Cell (2015-2016)
- Examination Cell(2015-2016 &2016-2017)
- Green Campus (2016-2017&2017-2018)
- Alumnae Association Joint Secretary (2017-2018)
- Staff Enrichment Forum (2017-2018)
- Rotaract Club (2018-2019)
- IQAC Member (June 2019-May 2023)
- IQAC Member Assistant Coordinator(June 2023-Till date)
- Quiz Club (2019-Till Date)

### **Awards Received & Achievements**

- IRNE David Ferguson Nature Conservation Award, 6 - October

### **Training Programmes**

- Online Summer Internship on "Applications of DNA Barcodes in Systematics and Biogeography- a Phyloinformatics approach" conducted by the Department of Botany, Madras Christian College (Autonomous), Chennai- 600 059 from 14th-31st May 2021.
- 56 Days Science Academies (INSC (Bengaluru), INSA (New Delhi), NASI (Allahabad) Summer Research Fellowship Programme – 18-04-2016 – 12-06-2016
- Mushroom Cultivation Training
- First Aid Training 25<sup>th</sup> & 26<sup>th</sup> February 2016
- Disaster Management Training Programme – 28<sup>th</sup> November 2016

### **Orientation Programme**

- UGC sponsored 101<sup>st</sup> Orientation Programme from 18.05.2018 to 14.06.2018 and obtained the grade ‘A’ conducted by UGC- Human Resource Development Centre, Bharathidasan University, Trichy.
- NEP 2020 Orientation & Sensitization Programme organized by
- UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu from 05.08.2024 to 14.08.2024 and obtained the Grade ‘A’.

#### **Refresher Courses:**

- Interdisciplinary Refresher Course on Curriculum and Pedagogy from 07-21 June 2021 organized by TLC, Tezpur University, and obtained the grade ‘A’ conducted by Teachin Learning Centre, Tezpur University, Tezpur.
- Refresher Course in Life Sciences and Biotechnology from 26<sup>th</sup> September 2022 to 10<sup>th</sup> October 2022. organised by Jawaharlal University New Delhi, and obtained the grade ‘A’ conducted by UGC HRDC. Jawaharlal University New Delhi.
- Refresher Course in Botany from 07.12.23 to 20.12.23 December organized by UGC- Malaviya Mission Teachers Training Centre Madurai Kamaraj University, Madurai. And obtained the grade A+ .

#### **Employment Details**

- October 1996 - St. Mary’s College, Thoothukudi
- June 2002 to September 2002 - St.Mary’s College, Thoothukudi
- 1<sup>st</sup> August 1997 - 31<sup>st</sup> October – 2001- St. John’s College, Palayamkottai, Tirunelveli Dist
- 31<sup>st</sup> March 2003 to 25<sup>th</sup> August 2004 - Arulmigu Kumaragurupara Swamigal Arts College, Srivaikundam, Thoothukudi Dist ( FDP Vacancy )
- September 2006 to October 2007 - St.Mary’s College, Thoothukudi
- June 2009 to April 2011, - St.Xavier’s College, Palayamkottai, Tirunelveli Dist. ( FDP Vacancy )
- 23<sup>rd</sup> Nov.’11 to 23<sup>rd</sup> Dec.’11 St.Xavier’s College, Palayamkottai, Tirunelveli Dist.
- 30<sup>th</sup> January 2013 to 28<sup>th</sup> February 2013 - St.Xavier’s College, Palayamkottai, Tirunelveli Dist.

#### **Projects**

Project sanctioned for the topic entitled “Utilization of seaweed organics to Enhance qualitative and Quantitative Traits of *Morus alba*” from Avinash Silks (Automatic Silk Reeling Unit), Tirupur – Completed.

#### **Genbank Submission**

- Submitted GenBank flat file: LOCUS MG271850 560 bp DNA linear PLN 13-NOV 2017 DEFINITION *Aspergillus niger* internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete

sequence; and large subunit ribosomal RNA gene, partial sequence. ACCESSION MG271850 Centre for Biotech Inf NCBI/GenBank, USA

- Submitted GenBank flat file: LOCUS MG271851 1263 bp DNA linear BCT 13-NOV-2017 DEFINITION *Pseudomonas aeruginosa* strain K1 16S ribosomal RNA gene, partial sequence. ACCESSION MG271851 Centre for Biotech Inf NCBI/GenBank, USA
- Submitted GenBank flat file: LOCUS MG271852 1240 bp DNA linear BCT 13-NOV-2017 DEFINITION *Pseudomonas aeruginosa* strain K2 16S ribosomal RNA gene, partial sequence. ACCESSION MG271852 Centre for Biotech Inf NCBI/GenBank, USA
- Submitted GenBank flat file: LOCUS MG271853 1240 bp DNA linear BCT 13-NOV-2017 DEFINITION *Pseudomonas aeruginosa* strain K3 16S ribosomal RNA gene, partial sequence. ACCESSION MG271853 Centre for Biotech Inf NCBI/GenBank, USA

### **Programme Organized**

- Organised a Programme on OER and Overview on N List. For the PG and Research Scholars. On 14.03.2024.
- Organized a National Lecture cum Training on Taxonomic Tale of Plant Kingdom on 8<sup>th</sup> and 9<sup>th</sup> February, 2024.
- Organized a Training program on demonstration of millet based tiffin recipes on 28.07.2023.
- Quiz club and Library committee In Collaboration with IQAC jointly Organized an Online Quiz Program On “MILLETS” on 11.01.2023 between 4pm to 5pm in online mode.
- Quiz club and Library committee jointly organized an Interdepartmental quiz programme the Marian Science Quiz Time 22’ on 22.04.22 between 4pm to 5pm in online mode.
- Organized Students' Induction Programme for the I UG Students for the Academic Year 2021 – 2022 on 06-09-2021 and 07-09-2021 at St. Mary’s College (Autonomous) Thoothukudi.
- Organized Marian Star BIOEXPO 2020 on 22-01-2020 under Star College Scheme in St. Mary’s College (Autonomous) Thoothukudi.