

<b>Name</b>	<b>Ms. S. Pauline Jenifer</b>
<b>Qualification</b>	<b>M.Sc., B.Ed., SET</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Year of Joining</b>	<b>22/11/2017</b>
<b>Specialization</b>	<b>Phytochemistry</b>
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#### **Seminars/Workshops/FDP/ Conferences**

<b>Title of the Workshop/ Seminar/ FDP</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Date</b>
State Level Workshop on "Elevate Your Research: Author and Editor insights for Publishing in a Reputed Journal"	State Level Workshop	Participated		Marian Research Forum and Marian Star Centre, St. Mary's College (Autonomous), Thoothukudi	20.08.2024
NEP 2020 Orientation and Sensitization programme		Participated		UGC -Malaviya Mission Teacher training centre(UGC - MMTTC), Bharathidasan University, Tiruchirappalli	01/07/2024 to 10/07/2024
Virtual FDP on Emerging Trends in Plant Sciences	Virtual FDP	Participated		Department of Botany, Bishop Heber College (Autonomous), Trichy	04.03.2024 – 11.03.2024

FDP on Exploring Biotechnology: Innovative applications and Advancements	FDP	Participated		PG and Research Departement of Zoology, St. Mary's College (Autonomous), Thoothukudi	14.02.2024 to 16.02.2024
National Seminar on Exploring the essence: Advances in Life sciences	National Seminar	Presented	Phytochemical analysis and antioxidant evaluation of medicinal plants used in the treatment of Urolithiasis: a comprehensive study	Department of Zoology, Sadakathullah Appa College (Autonomous), Tirunelveli	12.02.2024
FDP on Recent Scenario in Biological sciences	FDP	Participated		PG and Research Departement of Zoology, V.O. Chidambaram College, Thoothukudi	12.02.2024 – 18.02.2024
National seminar on Navigating consultancy, filing patent and designing research article: Insights and Strategies	National	Participated		Marian Research Forum and IQAC of St. Mary's College (Autonomous), Thoothukudi	20.01.2024
Online workshop on Avoiding predatory guidelines for choosing quality journals in the digital age		Participated		Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	11.12.2023

Professional Progression Programme Designing and Development of Digital Resources for Teaching and Learning		Participated		IQAC, St. Mary's College (Autonomouss), Thoothukudi	23.11.2023
Workshop on Concept LOCF and its implementation		Participated		Deans, St. Mary's College (Autonomouss), Thoothukudi	24.11.2023
Workshop on Chat GPT and other artificial intelligence tools for classroom teaching and research		Participated		Library committee and IIC St. Mary's College (Autonomous), Thoothukudi	07.-9.2023
Workshop on Academic Writing: Authenticity and Ethical Imperatives (Exclusive Hands on Training on (eajarjav)		Participated		Research Forum & Library Committee St. Mary's College (Autonomous), Thoothukudi	20.09.2023
Workshop on UBA and convergence possibilities especially under Pradhan Mantri Matsya Sampada Yoi		Participated		Regional Coordinating Institute – Unnat Bharat Abhiyan, The Gandhigram Rural Institute (Deemed University), Dindigul.	29.08.2023

ana (PMMSY) for participating institution in Tamil Nadu					
Orientation Programme on The Role of Teachers in Prioritizing Institutional Development		Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi.	24.06.2023
Conference on "Research Publication: An Integrative and Dynamic Approach"		Participated		Marian Research Forum, St.Mary's College(Autonomous), Thoothukudi	19.04.2023
Three days Faculty Training Programme on Techniques in Genome Biology		Participated		Marian Star Centre, PG and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi sponsored by DBT, New Delhi	08.02.2023 to 10.02.2023
International Webinar on Keys to Publish in High Impact Journals	International	Participated		Marian Research Forum, St.Mary's College(Autonomous), Thoothukudi	07.02.2023
International Seminar on Plant Response To climate Change (PlantCliC- 2022)	International	Presented	Antibacterial and antioxidant activity of selected plants used in the treatment of Urolithiasis	The department of Botany & Research Centre, Scott Christian College (Autonomous), Nagercoil – 629 003	08.12.2022 and 09.12.2022
National Seminar cum paper presentation competition	National	Presented	Ethnobotanical Survey and Statistical Analysis of medicinal	Biodiversity Club, Department of Botany, Vimala College (Autonomous), Thrissur	10.12.2021

on Biodiversity Conservation and Ecosystem Restoration			plants in Korampallam Village, Thoothukudi District, Tamil Nadu		
One Day National eWorkshop entitled "Techniques in Plant Anatomy"	National	Participated		S. I. Patil Arts, G. B. Patel Science & S. T. K. V. S. Commerce College, Shahada,  Dist- Nandurbar, Maharashtra-425409	29.07.2021
2 <sup>nd</sup> International Conference on Recent Strategies in Biotechnology and Biosciences – ICRSBSS 2021	International	Presented	Ethnobotany, Identification and uses of medicinal plants in Korampaalm Village, Thoothukudi District, Tamil Nadu	Department of Biotechnology, Aarupadai Veedu Institute of Technology, Paiyanoor	27.07.2021 and 28.07.2021
International webinar on “Systematic Research Methodology - A Transformative Tool for Scientific Research”	International	Participated		Marian Research Forum, St. Mary’s College(Autonomous), Thoothukudi	22.07.2021
International Webinar on “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

FDP programme on Certificate Programme on Herbal Technology	National	Participated		Center for Faculty Development (CFD) of AIB, Tirupattur, Tamil Nadu	03.06.2021 to 30.06.2021
One week Faculty Development Programme on “Open Source Tools for Research”	National	Participated		Teaching Learning Centre, Ramanujan College, University of Delhi	03.04.2021 to 09.04.2021
National Webinar on Academic Visibility in the Digital World	National	Participated		Department of Library, St. Mary’s College (Autonomous), Thoothukudi	12.02.2021
Webinar on Innovative Ideas for Research Paper Writing		Participated		Institution’s Innovation Cell and Marian Research Forum, St. Mary’s College (Autonomous), Thoothukudi	19.12.2020
International Webinar on Marine Biology	International	Participated		PG and Research Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi	11.08.2020
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
National Webinar Learning to live with COVID-19:Embracing the New Reality	National	Participated		IQAC, St.Mary’s College (Autonomous), Thoothukudi	11.07.2020

Webinar on “Phytoremediation Technologies: An Overview”		Participated		PG Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi.	11.07.2020
International Webinar On An Update on Covid 19	International	Participated		IQAC, St.Mary’s College (Autonomous), Thoothukudi	10.07.2020
National Webinar on "Effective and efficient writing of research papers for web of science, Scopus indexed journal and Conference papers using Typeset Research Studio"	National	Participated		Department of Electronics & Telecommunication & Central Library,AISSMS COE, Pune	01.07.2020
International Webinar on “Emerging Trends in Genetic Engineering”	International	Participated		Department of Biochemistry/ Biotechnology/ Microbiology, Chaitanya (Deemed to be University, Warangal, Telungana	30.06.2020
Two days’ International Web Symposium on “Biomedical Instrumentation: A Boon to Health Care Industry – 2020” (BIBHI - 2020)	International	Participated		Shri Mathuradas Mohota College of Science, Nagpur in association with STAMI	26.06.2020 and 27.06.2020
Webinar on Managing References in a Research Article		Participated		Department of EEE, Vishnu Institute of Technology, Bhimavaram	26.06.2020

using Mendeley					
Webinar on Basic Author Workshop Research Article Writing and Reference Management using Mendeley		Participated		Faculty of Science in Collaboration with Elsevier	22.06.2020
Webinar on Patenting your Innovations		Participated		St. Peter's Engineering College, Hyderabad	16.06.2020
Webinar on J-Gate @ E-SHODHSINDHU One platform to discover all Scholarly E-Journal literature		Participated		Informatics Publishing Limited, Bangalore	15.06.2020
Webinar on "Philosophy of Science behind Biotechnology"		Participated		Research Department of Biotechnology, Annai Velankanni College, Tholayavattam, Kanyakumari	09.06.2020
Webinar on Chemoinformatics		Participated		Department of Chemistry, Sacred Heart College, Tripattur	06.06.2020



National Level Webinar , “Insights into Research”	National	Participated		The Yenopoya Institute of Arts, Science, Commerce and Management, Mangalore	04.06.2020
Webinar Series on COVID-19	Webinar	Participated		Department of Biotechnology, Manonmaniam Sundaranar University	27.05.2020 and 28.05.2020
A Two Day Faculty Development Programme on 'Impact of Emerging Techonologies on Life Sciences'	FDP	Participated		Department of Biohemistry and Biotechnology, Kongu Arts and Science College(Autonomous), Erode	26.05.2020 to 27.05.2020
Webinar on “Bio Diversity”	Webinar	Participated		ECO Club, Mannar Thirumalai Naicker College, Madurai	22.05.2020
International E-conference on Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World	International	Participated		Government Vidharbha Institute of Science and Humanities, Amaravati, Government of Maharashtra, India	15.05.2020 to 17.05.2020
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

Bioinformatics in Microbiome Research and Climate, Biomes and India	International	Participated		PG Department of Chemistry (SSC), St. Mary's college (Autonomous), Thoothukudi	17.05.2020
Three Day online course on Apiculture	Workshop	Participated		Department of Zoology, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi	13.05.2020 to 15.05.2020
Online Workshop on Scientific Writing for Journals	National	Participated		Springer Nature	15.05.2020
Two days online workshop on Mental Health and Psychosocial Considerations during Lockdown	Workshop	Participated		St. Mary's college (Autonomous), Thoothukudi in association with Aadhi Foundation	13.05.2020 to 14.05.2020
Webinar on Selection of Appropriate Statistical tools: a critical way for successful research	Webinar	Participated		Research Advisory Committee, St. Mary's college (Autonomous), Thoothukudi	12.05.2020
A Two – Week MOOC Workshop on Management of Environment and its Resources	MOOC	Participated	-	Nesamony Memorial College , Marthandam & St. Xavier's College, Palayamkottai	28.04.2020 to 11.05.2020
National Seminar on Scientific Publication and Evaluation: Defining the	National	Participated		Department of Library and Research forum of St. Mary's College (Autonomous),	03.02.2020

Citation Analysis and Plagiarism				Thoothukudi in collaboration with SALIS (Tirunelveli Chapter)	
International Conference on Climate Change: Adaptation and Mitigation	International	Presented	Preliminary Phytochemical screening, FT-IR analysis and Anti bacterial activity of Salvadoraceae	Finishing School Cell, St. Thomas' College (Autonomous), Thrissur, Kerala, India	08.01.2020 - 10.01.2020
Faculty Development Training on Natural Product Research	FDP	Participated		Bioscience Institute of Life Sciences in house R and D department recognized by Department of Scientific and Industrial Research	02.01.2020 - 04.01.2020
Faculty Development Programme	FDP	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi	26.11.2019
National Workshop on Writing Research Proposals for Funded Projects	National	Participated	-	Research Advisory Committee, St. Mary's College (Autonomous), Thoothukudi	14.09.2019
Faculty Development Programme on Biostatistics and Bioinformatics	Workshop	Participated		Star College Programme 2019-2020, Department of Botany, St. Mary's College (Autonomous), Thoothukudi	18/08/2019 – 20/08/2019
E-Content: Processing and Development	Workshop	Participated		IQAC, St. Mary's College (Autonomous), Thoothukudi	18/03/2019 - 22/03/2019

Creating Blog for Google Generation in the 2.0 World	State level Workshop	Participated		Department of Library St. Mary's College (Autonomous), Thoothukudi	12/03/2019
National Seminar on Advances in Plant Science Research (APSR-2019)	National	Presented	A study on the Effect of NaCl stress on the biochemical parameters of <i>Vigna radiata</i> (L.)Wilczek.Var Co-6	Department of Botany, Annamalai University, Tamil Nadu	27/02/2019 and 28/02/2019
Wonderful World of Oceans: Emerging Trends and Implications	International	Participated		Department of Zoology St. Mary's College (Autonomous), Thoothukudi	12/02/2019
Fostering Transparency : Routing out Plagiarism A to Z	National	Participated		Department of Library and Research Forum, St. Mary's College (Autonomous), Thoothukudi	20/07/2018
International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-2018)	International	Presented	A study on the Effect of NaCl stress on <i>Vigna radiata</i> (L.)Wilczek.Var Co-6	V.O. Chidambaram College, Thoothukudi	19/04/2018 & 20/04/2018
Research in India- Current State and Future Prospects	National	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	11/04/2018

49 <sup>th</sup> Aqua-Terr Annual Conference on Biological Sciences	National	Participated	-	School of Biological Sciences, Madurai Kamaraj University, Madurai	27/02/2018 & 28/02/2018
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
Global Climatic change and its Impact on Biodiversity	National	Participated	-	Department of Plant Biology and Plant Biotechnology, St. Xavier's College, (Autonomous) Palayamkottai	19/2/2009 & 20/2/2009
Recent Trends in Sensor Development for the Assessment and Management of the Environment	International	Participated	-	Loyola Institute of Frontier Energy (LIFE), Loyola College, (Autonomous), Chennai	08/01/2009 – 10/01/2009
Recent Trends in Biotechnology	National	Participated	-	Department of Plant Biology and Plant Biotechnology, St. Xavier's College, (Autonomous) Palayamkottai	22/2/2005 & 23/2/2005

### 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	<b>Pauline Jenifer. S</b> and Beulah Jerlin. S	Indian Journal of Natural Sciences	2025 (WOS)	16	89	90576-90585
Ethnobotanical Survey of Medicinal Plants in Korampallam Village, Thoothukudi District, Tamil Nadu	<b>Pauline Jenifer. S</b> and Dr. S. Beulah Jerlin	International Journal of Pharmacognosy	March 2022 (UGC)	14(1)	ISSN: 0975-4873	6-17

Tamil Nadu, India		Phytochemical Research				
Antibacterial and antioxidant activity of selected plants used in the treatment of Urolithiasis	<b>S. Pauline Jenifer</b> , S. Beulah Jerlin and G. Archana Devi	Proceeding on International Seminar on Plant Response to Climate Change (PlantCliC – 2022)	Dec 2022		ISBN978-81-956678-1-9	100-110
Super Lattice, Computational Interactions and Bio-Uses of CPDMDP Crystals	G Flora, S Christy, V Shobana, R Divya, Jemma Hermelin Jesy Diaz, <b>S Pauline Jenifer</b> , K Senthil Kannan, A Jacintha Tamil Malar	Nanovaccinology as Targeted Therapeutics	2022			227-242
Biological Effect Nanotubular, Vanderwall's Impact, of 4-Methyl-2-Nitroaniline (4M2NA) Nanocrystals	K Senthil Kannan, <b>S Pauline Jenifer</b> , R Divya, K Raju, A Gayathri, Jemma Hermelin Jesy Diaz, B Maria Sumathi, G Flora	Nanovaccinology as Targeted Therapeutics	2022			243-256
Device Utility, Energy, and Bioutilility of N2MNM4MBH Macro, Nano Models	<b>S Pauline Jenifer</b> , G Flora, C Zozimus Divya Lobo, A Charles, K Senthil Kannan, D Anbuvel, V Prajith, Jemma Hermelin Jesy Diaz	Nanovaccinology as Targeted Therapeutics	2022			169-181
Comparative study on the phytochemical	<b>S. Pauline Jenifer</b>	International Journal of Food	2021	10	6 2319 –	257-262

analysis and antioxidant assessment of medicinal plants used to treat urolithiasis	Dr. S. Beulah Jerlin	and Nutritional Sciences			1775	
Exploring the chemical fingerprints: Fourier Transform Infrared Spectroscopy analysis of selected plants used in the treatment of urolithiasis	<b>S. Pauline Jenifer</b> Dr. S. Beulah Jerlin	International Journal of Food and Nutritional Sciences	2021	10	6 2319 – 1775	274 - 280
Extraction of Natural Dyes and its application on selected fabrics	Reena. M, K. Roshini, R. Rabija, R. Sankareswari, L. Preethi and <b>S. Pauline Jenifer</b>	SMC Science Updates Star Proceeding	2020	1		72-80
A Study on the Effect of NaCl stress on <i>Vigna radiata</i> (L.) Wilczek. Var Co-6	<b>Pauline Jenifer</b> and Dr. K. Natarajan	International Journal of Recent Research Aspects (IJRRA)	2018		ISSN: 2349- 7688 Special Issue	633- 635

#### As Resource Person:

- Lecture on Role of Genetically Modified Crops in Agriculture given in Inservice training programme for School Teachers in Thoothukudi District, organized by St. Mary's college (Autonomous), Thoothukudi

#### Online Courses:

- Completed "Biochemistry" 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 Jan- April, 2020 (12 weeks course)
- Completed FDP programme in "Applied Environmental Biotechnology" 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 Jan- April, 2021 (12 weeks course)
- Completed "Plant Cell Bioprocessing" a NPTEL Online Certification Course (Funded by the Ministry of MoE, Govt, of India) offered by Indian Institute of Technology, Madras through Swayam Portal during Jul-Sep 2024 (8 weeks course)

**Faculty Induction Programme:**

1. Completed one-month faculty induction programme from 22nd October to 20th November 2023 organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with K. M. Mayawati Government Girls P.G. College, Badalpur, GB Nager, U.P. under the Ministry of Education Sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Scheme.

**Extra Activities**

<b>Name of the Institution</b>	<b>Invited as</b>	<b>Topic/Event</b>	<b>Date</b>
St. Mary's College (Autonomous), Thoothukudi	Quiz Master	Inter School Science Quiz'24 (6 <sup>th</sup> to 8 <sup>th</sup> std students)	28.02.2024
Science Departments, St. Mary's College (Autonomous), Thoothukudi	Quiz Master	Marian Star Science Fest 2020, Science Quiz, Interschool Quiz Competition	20.02.2020
School of Biological Sciences, St. Mary's College (Autonomous), Thoothukudi	Quiz Master	Marian Star BioQuizzle'2019 Intercollegiate Quiz Competition	14.08.2019
V.O. Chidambaram college, Thoothukudi	External Practical Examiner	Manonmaniam Sundaranar University B.Sc. Botany Allied Practical Examinations November, 2024	24.10.2024 to 25.10.2024

**Awards**

- Second Prize in the oral presentation in Second International Conference on Recent Strategies in Biotechnology and Biosciences (ICRSBBS – 2021) held on 27<sup>th</sup> and 28<sup>th</sup> July, 2021 organized by Department of Biotechnology, AVIT, Paiyanoor.