

<b>Name</b>	<b>Dr. A. Jacintha Tamil Malar</b>
<b>Qualification</b>	<b>M.Sc., M.Phil., Ph.D.</b>
<b>Designation</b>	<b>Associate Professor</b>
<b>Year of Joining</b>	<b>08.10.2007</b>
<b>Specialization</b>	<b>Taxonomy, Microbiology</b>
<b>Email id</b>	<b>jacinthamalarsmc@gmail.com</b>



### **Seminars/Workshops/FDP/ Conferences**

<b>Title of the Workshop/ Seminar/ FDP</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Organized By</b>	<b>Date</b>
Faculty Development Programme on “Role of Botanical Survey of India In Systematics Research”	-	Participated	Department of Botany heme, Bon Secours College for Women (Autonomous), Thanjavur,	14.10.2024 - 18.10.2024
World wide FDP on Recent Trends in Life Science Research	-	Participated	Department of Electronics and Communication Engineering, Gojan School of Business and Technology.Chennai	19.08.2024- 23.08.2024
NEP 2020 Orientation & sensitization Programme	-	Participated	MM-TTP, Bharathidasan University, Tiruchirappalli	01.07.2024 -10.07.2024
International Seminar on Recent trends in Biology	International	Participated	Rani Anna Government college for Women , Tirunelveli	04.04.2024

FDP on Emerging trends in Plant Sciences	National	Participated	Bishop Heber College (Autonomous) Tiruchirappalli	04.03.2024 to 11.03.2024
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	03.02.2023 to 09.02.2023
Climate change	webinar	06.08.2021 to 08.08.2021	06.08.2021 to 08.08.2021	11.08.2021
Role of technology in Higher Education		Participated	M.L.S. University , Rajasthan	10.8.2021
National level Virtual Entrepreneurship Development Programme (EDP) on Recent Trends in Organic farming for	National		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

Horticulture crops to Rural College Students and Farmers				
Innovation, Ecosystem and Incubation	Workshop	Participated	The New College, Chennai	28.7.2021
Molecular Docking	FDP	Participated	Nirmala College for Women, Coimbatore	23.7.2021 & 24.7.2021
Lifestyle Modification and Management with Siddha	Webinar	Participated	Holy Cross College (Autonomous), Nagercoil	29.06.2021
Biomedical Applications in Nanomedicines	International Webinar	Participated	Nehru Arts and science College, Coimbatore	9.06.2021
Innovations in Bio and Chemical Engineering for Sustainable Life		Participated	Kalasalingam Academy of Research and Education	20.5.2021 & 21.5.2021
The World's Weirdest Flowers		Participated	Department of Botany, Holy Cross College (Autonomous), Nagercoil, Kanyakumari District, Tamilnadu	18.03. 2021
Hepatitis - An Insight to Comemorate World Hepatitis Day	International Webinar	Participated	Departments of Microbiology & Biotechnology, Kumararani Meena Muthiah College Of Arts & Science, Chennai	28.07. 2020
An Update on Covid 19	-	Participated	IQAC, St. Mary's College (Autonomous), Thoothukudi	10.07. 2020

Recent trends in Biopharmaceuticals and Green Nanotechnology	-	Participated	Department of Botany, The New College, Chennai	09.07. 2020
Path of wellness – diabetes and me	-	Participated	Department of Zoology, St. Mary's College (Autonomous), Thoothukudi.	26.06.2020
Photo biotechnology	-	Participated	Department of Botany, SFR College for women, Sivakasi.	25.06.2020
Quorum sensing a great therapeutic choice for the development of anti-microbial agents	International Webinar	Participated	Arumuganpillaiseethaiammal college, Sivagangai.	24.06.2020
Biodiversity urgent and existential concern	-	Participated	Department of Botany, St. Mary's College (Autonomous), Thoothukudi.	10.06.2020
Importance of IAQ in containment of Covid-19	-	Participated	Department of Biotechnology, AyyaNadarJanakiAmmal College, Sivakasi.	06.06.2020
House plants mitigating the indoor pollution	International Webinar	Participated	Department of Botany, Isabella Thoburon College, Lucknow.	05.06.2020.
Mossbauer spectroscopy – elucidation of magnetic compounds in biological system	-	Participated	Department of Botany, St. Mary's College (Autonomous), Thoothukudi.	02.06.2020 & 03.06.2020.
Traditional webinar	-	Participated	Department of Botany Sadakthullah-Appa College, Tirunelveli.	30.05.2020.
FDP on “ Chemistry of Novel Covid-19	-	Participated	Department of Chemistry, St. Mary's College (Autonomous),	26.05. 2020

- Threat to Global Public Health”			Thoothukudi,	
“Application of Molecular Markers in Plant Systematics”	-	Participated	PG & Research Department of Botany, V.O.Chidambaram College.	23.05. 2020
Workshop on Scientific writing for journals	-	Participated	Springer Nature	15.05.2020
“Plant molecular biology in space”	International Webinar	Participated	Department of Botany and Bio-informatics, Nirmala College for Women, Coimbatore	14.05. 2020
Two –day online Workshop on Mental health and Psychosocial consideration during lockdown	-	Participated	St. Mary’s College (Autonomous), Thoothukudi,	13.5.2020 & 14.05. 2020
Selection of appropriate statistical tools: A critical way for successful research	-	Participated	Research Advisory Committee, St. Mary’s College (Autonomous), Thoothukudi,	12 .05 2020
UGC sponsored Refresher Course in Life Sciences, Theme: Emerging Trends in Life Sciences”	-	Participated	UGC – Human Development Centre, Madurai Kamaraj University.	05.03.2020 to 18.03.2020
E-Content Development Programme	-	Participated	IQAC, St. Mary’s College (Autonomous), Thoothukudi	18.02.2020 to 22.02.2020

Hands on training On Basic Research techniques	-	Participated	Centre for marine science and technology, Rajakamangalam	02.12.2019-04.12.2019
Faculty Development Programme	-	Participated	IQAC, St. Mary's College (Autonomous), Thoothukudi	26.11.2019
Lecture cum workshop on Miracles of seaweeds	-	Organised	Department of Botany St. Mary's college (Autonomous) Thoothukudi	09.08.2019
Seminar on Research in India – Current state and future prospects	National	Participated	St.Mary's college (Autonomous) Thoothukudi	11.04.2018
Refresher Course	-	Participated	UGC Academic Staff College, M.K.University, Madurai	09.03.2018 to 29.03.2018
Green chemistry for clean environment	National	Participated	St.Mary's College (Autonomous) Thoothukudi	07.12.2017 & 08.12.2017
“E-Waste hazards and management	-	Participated	St.Mary's College (Autonomous) Thoothukudi	09.03.2017
Current Scenario in Plant Sciences	-	Participated	V.O.Chidambaram College, Thoothukudi	28.12.2016 & 29.12.2016
Algal biotechnology an eco-friendly solution for food, fuel and health	-	Participated	Department of Botany, St.Mary's College (Autonomous) Thoothukudi	14.10.2016
Two Day Seminar on	National	Participated	Department of Botany, St.Mary's College	04.02.2016 &

Skills and Opportunities for Enhancing Science Graduates Employability (SOESGE-2016)			(Autonomous) Thoothukudi	05.02.2016
Conference on Reasserting Microbial Biotechnology to Deflate Global Disease Burden- RMBT'15	International	Participated	Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli	28.09.2015 & 29.09.2015
Nanomaterials and its applications	-	Participated	Department of Chemistry, Mar Ivanios College (Autonomous), Tiruvananthapuram.	01.10.2015
Conference on "Solar Energy"	International	Participated	St. Mary's College (Autonomous) Thoothukudi	11.02.2015.
Faculty Improvement Programme	-	Participated	AIACHE in Kodaikkanal	20.11.2013 & 21.11.2013
Workshop on "Bioinformatics"	-	Participated	St. John's College, Palayamkottai	13.12.2012 & 14.12.2012
Seminar on "Current trends in marine plants Research and Utilisation, at Perunthalivar Kamarajar Arts College. Pondicherry	National	Participated	Perunthalivar Kamarajar Arts College, Puducherry and Seaweed Research and Utilization Association Tuticorin, Tamilnadu.	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

Seminar on “Nanoscience’	National	Participated	GovindammalAditanar College for womenTiruchendur	29.08.2012
Orientation programme	-	Participated	UGC Academic Staff College,M.K.University, Madurai	16.05.2012 to 12.06. 2012
Seminar on “Nanoscience and application”	National	Participated	V.O.C. College, Thoothukudi	12.03.2012.
Workshop on “Entrepreneurshi p Developmental Programme for Biologist	National	Participated	T.D.M.N.S. College	17.02.2012
Conference on Environmental security for food and health.	International	Participated	M.D.T Hindu College, Tirunelveli	16.02.2012 to 18.02.2012
Workshop on Effective classroom communication and teaching skills for College teachers	-	Participated	Christ University Bangalore	11.05.2011 & 12.05.2011
Seminar on IrubathamNootta ndinNovelkalinal inthorinvalvial	National	Participated	St. Mary’s College,(Autonomous) Thoothukkudi	20.10.2011
Refresher Course in Bioinformatics	-	Participated	UGC Academic Staff, University of Kerala, Kariavattam	27.12.2010 to 17.01.2011

### Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
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Macroscopic And Microscopic Studies On the aerial parts of Selected Species Of Lamiaceae	M. Maharasi, R. Malathi, P. Mari Manju, M. Maria Reena Maxilda, M. Mariammal and Dr.A. Jacintha Tamil Malar	SMC Science Updates Star Proceeding	2021	1	-	-
In vitro antioxidant activity of <i>Cyperus bulbosus</i> Vahl	Santhanamari, Uthayakumari, <b>Jacintha Tamil malarA</b>	European Journal of Biomedical and Pharmaceutic al Sciences	2018	5	6	463-467
Hypoglycemic and Hypolipidemic effects of methanolic extracts of <i>Sauropusbacciformis</i> whole plant in alloxan induced diabetic rats	Sheela, <b>Jacintha Tamil malarA</b> , Uthayakumari,	European Journal of pharmaceutical and medical research	2017	4	12	386-392
The morphological and anatomical properties of endemic <i>Capparisdivaricata</i> Lam. (Capparidaceae)	<b>Jacintha Tamil Malar A.</b> ,	Marian Quest	2017	6		59 - 64
Anti- inflammatory potential of <i>Capparisdiversifoliaw</i> ight&arn.leaf extract against carrageenan induced paw EDEMA IN RATS	<b>Jacintha Tamil Malar A.</b> , Sarvana Gandhi , Glory , ShanmugaJothi , Uma Maheshwari	International Journal of Research Ayurveda and pharmacy	2017	8	1	101-104
Phytochemical screening of the leaf extract of <i>Capparis divaricata</i> lam. by GC-MS analysis	<b>Jacintha Tamil Malar A.</b> , Sarvana Gandhi and Uma Maheshwari	International Journal of Applied and pure science and Agriculture	2017	3	1	133-138

GC-MS analysis of bioactive compounds in the leaf extracts of <i>Capparisdiversifolia</i> Wight & Arn.- An Endemic Taxon of southern western Ghats	<b>Jacintha Tamil MalarA.</b> , SarvanaGandhiA., Uthayakumari F., and Santhana Mari	World Journal of Pharmaceutic al Research	2016	5	12	1333-1340
Anti-inflammatory potential of aerial parts of <i>Senna italica</i> ssp <i>micrantha</i> (BRENA N) Lock. (Caesalpiniaceae).	R.S.Jothi, F.Uthayakumari, <b>Jacintha Tamil MalarA.</b> , V.Bharathy	Journal of Harmonized research in Applied sciences	2015	3	3	172-175

### 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).
4. 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)
5. 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)
6. 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)

**Others:**

- Assistant Controller of Examination – 2024-2025
- Member of Student Council – 2023 – 2024
- Member of Board Studies, V.V.V. College. Virudhunagar 2023-2026
- Assistant Controller of Examination – 2021-2023
- Member of Student Council -2020-2021
- Member of Green Campus 2020-2021
- Member of Student Council -2019-2020
- Member of Admission committee-2019-2020
- NSS coordinator – 2014 -2015
- Member of CDP -2012-2013
- Member of Tableau committee 2012-2013
- Member of counselling -2009-2010
- Member of Discipline committee -2009-2010
- Member of Eco club -2009-2010