



DR. J. THELMA

Designation : Assistant Professor
Department : Zoology
Email ID : thelmaj90@gmail.com

Languages Proficiency

Read : English & Tamil
Write : English & Tamil
Speak : English & Tamil

1. QUALIFICATION

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Zoology	Lady Doak College, Madurai	2011
2.	PG	Zoology	Lady Doak College, Madurai	2013
3.	M.Phil.	Zoology	Thiagarajar College, Madurai	2014
4.	Ph.D.	Zoology	Thiagarajar College, Madurai	2023
8.	SET/NET	Zoology	-	2012

2. TEACHING EXPERIENCE / OTHER EXPERIENCE

S. No.	Institution / Organization	From - To
1.	Assistant Professor, Dept. of Zoology, Fatima College (Autonomous), Madurai	2014- 2018
2.	Assistant Professor, Dept. of Biotechnology, Lady Doak College (Autonomous), Madurai	2019-2020
3.	Assistant Professor, Dept. of Zoology, Fatima College (Autonomous), Madurai	2020-Till date

3. POSITION HELD IN FATIMA (VICE PRINCIPAL, HOD, DEAN, COORDINATOR, MEMBER ETC.)

S. No.	Name of the Position	From - To
1.	NSS Staff Incharge	2014-2015
2.	Women's Cell Staff Incharge	2016-2018
3.	FIESTA Staff Incharge	2020 - 2023
4.	Green Club Staff Incharge	2023 – 2024

5.	Discipline Committee Staff Incharge	2023 - 2025
6.	Women's Cell Staff Incharge	2024- 2025
7.	Women's Cell Co-Ordinator	2025- Till Date

4. MEMBERSHIP IN PROFESSIONAL / OTHER BODIES / COMMITTEES

S. No.	Name of the Position	Name of the Body	Name of the Institution	Duration
1.	Panel of Examiner & Question Setting	-	Lady Doak College, Madurai	2022 onwards

5. AREAS OF SPECIALIZATION

- ❖ NANOTECHNOLOGY
- ❖ ENTOMOLOGY
- ❖ MICROBIOLOGY

6. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	Programme	Theme	Organized by	Date
1.	Orientation	-	Fatima College, Madurai	June 16 & 17, 2014
2.	Training Programme	Molecular Techniques	Life Tech Research Technique Chennai	May 10 - 19, 2010
3.	Training Programme	Crash Course on Microsoft Excel	Fatima College, Madurai	31.10.2015-01.10.2015
4.	Training Programme	English Language Programme	IL & FS	Nov. 2015
5.	Staff Induction Programme	-	Fatima College, Madurai	Dec. 14 - 21, 2016
6.	Faculty Development programme	Alternative Teaching Methodology	Fatima College, Madurai	Oct. 14, 2017
7.	Training Programme	Mushroom Cultivation	Tamil Nadu Agricultural University, Madurai	Jan. 17, 2018
8.	Faculty Development programme (ONLINE)	Nanotechnology for Biomedical Applications	Sri G.V.G Visalakshi College for Women, Udumalpet	Feb. 28 - Mar. 02, 2024
9.	Faculty Development programme (ONLINE)	AI Integrated Research	Fatima College, Madurai	Dec. 09 -13, 2024
10.	Faculty Development programme (ONLINE)	Emerging Trends of Research in Molecular Medicine	Sri G.V.G Visalakshi College for Women, Udumalpet	Mar. 10 - 15, 2025

7. PAPER PRESENTED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	National Conference on "Conservation and Utilization of Medicinal Plants"	Standard Fireworks Rajaratnam College For Women, Sivakasi	Dec. 09 & 10, 2010	Conservation and Utilization of Medicinal Plants

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
2.	State Level Inter- Collegiate Seminar on "Role of Microbes in Bioremediation"	Thiagarajar College, Madurai	Feb. 23, 2011	Role of Microbes in Bioremediation
3.	National Conference on "Recent Advances in Life Sciences"	H. H. The Rajah's College, Pudukkottai	Dec. 28 & 29, 2011	Immunomodulatory Effects of Sargassum Polycystum on Oreochromis mosambicus
4.	State Level Inter- Collegiate Seminar on "Recent Challenges in Biotechnology"	The American College, Madurai	Feb. 17, 2012	Isolation and Molecular Characterization of Bacteria Isolated from Rhizosphere Soil of Arachis hypogea
5.	National Conference on "Marine Bioresources: Prospects and Threats"	St. Mary's College, Tuticorin	Feb. 28 & 29, 2016	Evaluation of Probiotics from Mucus Associated Epibiotic Bacteria on Marine Fishes
6.	International Conference on "Challenges and Opportunities in Life Science"	Sri Meenakshi Government Arts College for Women	Apr. 05 & 06, 2016	Degradation of Matrix Metalloproteinases in Diabetic Foot Ulcers by Protease Inhibitors Isolated from Chrysanthemum indicum
7.	International Conference on Environment, Genes Health and Diseases	Bharathiar University, Coimbatore	Aug. 22 - 24, 2017	Isolation and Bioactivity Profiling of Potent Strains of Bacillus from Marine Environment against Human Pathogens
8.	International Seminar on Emerging Trends in Biological Research	Jamal Mohamed College, Trichy	Mar. 03, 2018	Synthesis of Silver Nanoparticles by Bacteria and Fungi Isolated from Marine Environment in and Around Tamil Nadu and Its Antibacterial Activity against Pathogens
9.	National Seminar on Emerging Trends in Entomology	The American College, Madurai	Mar. 07 & 08, 2019	Synthesis of Silver Nanoparticles by Bacteria and Fungi Isolated from Marine Environment in and Around Tamil Nadu and Its Larvicidal Activity against Mosquito Larvae
10.	Online International Conference on "Biodiversity Conservation and Tourism"	Shri S. H. Kelkar College of Arts and Science, Maharashtra	May 17, 2020	Impacts of Covid-19 on Environment
11.	International Conference of Integrated Sciences for Sustainable Future	Nadar Saraswati College of Arts and Science, Theni	Jan. 19 & 20, 2023	Ovicidal, Larvicidal, and Pupicidal Activity of Biogenic Silver Nanoparticles Synthesized by Bacillus Flexus against the Selected Mosquito Species

8. PARTICIPATED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date
1.	National Seminar on Frontiers in Nanotechnology	Lady Doak College, Madurai	Sep. 17 & 18, 2009
2.	National Seminar on Modern Trends in Microbiology, Genetics and Biotechnology	Ayyanadar Janakiammal College, Sivakasi.	Feb. 17 & 18, 2010

S. No.	Programme & Theme	Organized by	Date
3.	National Seminar on Global Threat of Communicable and Noncommunicable Diseases	Lady Doak College, Madurai	Mar. 01 & 02, 2011
4.	National Seminar on Global Threat of Communicable and Non-Communicable Diseases with Reference to Women's Health	Lady Doak College, Madurai	Feb. 24, 2012
5.	National Seminar Molecular Biology: Problems to Problem Solving	Lady Doak College, Madurai	Oct. 16, 2012
6.	International Seminar on Solutions to Ecological Challenges: A Multidimensional Perspectives	Fatima College, Madurai	Dec. 11 - 13, 2014
7.	Animal Handling Workshop	Lady Doak College, Madurai	2010
8.	Workshop on Biodiversity	Madura College, Madurai.	2010
9.	Workshop on Employability	Swifterz Technology, Madurai	2012
10.	Workshop on Good Laboratory Practices	Lady Doak College, Madurai	2011
11.	Workshop on Microtomy – An Experiential Learning	Lady Doak College, Madurai	2020
12.	National Seminar on “Insights on Women's Health and Well-Being”	Lady Doak College, Madurai	Aug. 22, 2019
13.	International Conference on Precision Nutrition and Health: Foresight Future Disease Prediction and Prevention	Fatima College, Madurai	Dec. 20, 2023
14.	Workshop on Marker Assisted Gene Pyramiding	Department of Plant Breeding and Genetics, Agricultural College and Research Institute, Madurai	Jan. 30 & 31, 2024
15.	One Day National Level Online Workshop on How to Write Research Papers using AI Tools	Hi Learn Edu Tech Institute, Karnataka	May 29, 2025
16.	Webinar On "Tips And Strategies For Publishing In Science"	Lady Doak College, Madurai	Apr. 29, 2020
17.	Avoiding Plagiarism using TURNITIN	Lady Doak College, Madurai	May 13, 2020
18.	Faculty Development Program	North Storm Academy	May 13 & 14, 2020
19.	Online course on "Apiculture"	Ayya Nadar Janaki Ammal College, Sivakasi	May 13 & 14, 2020
20.	Online COVID-19 pandemic awareness quiz	The New College, Chennai	May 16, 2020
21.	Online International conference on "Biodiversity conservation and tourism"	Shri S.H. Kelker College of arts and science, Maharashtra	May 17, 2020
22.	Webinar series on "Insights into Emerging Diseases - Diagnosis and Therapeutics"	Lady Doak College, Madurai	May 18, 2020
23.	Webinar series on "Insights into Emerging Diseases - Diagnosis and Therapeutics"	Lady Doak College, Madurai	May 19, 2020
24.	Webinar on "Biodiversity"	The American College, Madurai	May 22, 2020
25.	Webinar on "Biodiversity"	Mannar Thirumalai Naicker College, Madurai	May 22, 2020
26.	Webinar on "E-content Development for Higher Education"	Karpaga Vinayaga College of Engineering and Technology	May 23, 2020

S. No.	Programme & Theme	Organized by	Date
27.	Three Day National Online Workshop on DNA Barcoding	Islamiah College (Autonomous), Vaniyambadi	May 22 – 24, 2020
28.	Webinar series on "Insights into emerging diseases - Diagnosis and Therapeutics"	Lady Doak College, Madurai	June 01, 2020

9. ARTICLES PUBLISHED IN JOURNALS/PROCEEDINGS/MAGAZINES/BOOKS

S. No.	Journal/Proceeding/Magazine/Book Name	Title of the Article	Month/Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
1.	International Journal of Marine Biology & Oceanography	Evaluation of Probiotics from Mucus associated Epibiotic Bacteria on Marine Fishes	Aug. 2016	5	3		2324-8661	SciTechnol, USA
2.	PLOS ONE	Ovicidal, larvicidal and pupicidal efficacy of silver nanoparticles synthesized by Bacillus marisflavi against the chosen mosquito species	Dec. 2021	16	(12) e0260253		-	https://doi.org/10.1371/journal.pone.0260253 PLOS ONE
3.	Journal of Scientific Research	Screening and bioactivity profiling of marine Bacillus species against human pathogens	July, 2021	65	5		0447-9483	Hindu Banaras University

10. CHAPTERS PUBLISHED IN BOOKS

S. No.	Book Name	Title of the Chapter	Year	Page No.	ISBN	Publisher
1.	Ebook - Marine Ecology current and future developments: Current Status, Impacts and Remedies	Chapter 13: Problems of invasive species	2019	-	Online - 9789811412691 Print - 9789811412684	Bentham Science Publications

11. GUEST LECTURES DELIVERED

S. No.	Institution	Theme/Title	Date
1.	Sri G.V.G Visalakshi College for Women, Udumalpet	Nanoparticles as Biocontrol Agents	04.02.2025

12. PROJECTS UNDERTAKEN

S. No.	Title of Project	Position	Sponsored By	Date & Year	Sanctioned Amount
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1.	Antimicrobial Activity of Silver Nanoparticles Synthesized by Marine Bacteria	Project Investigators	Fatima College Alumnae Association	22.12.2023	Rs. 5000/-
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13. ANY OTHER

- Article on Dengue mosquitoes dated 11.10.2019 in Dinamalar
- Article on Rapid test kit for COVID- 19 dated 13.4.2020 in Dinamalar
- Article on Immune response to COVID-19 dated 24.7.2020 in Dinamalar
- Article on double mutant COVID-19 strain dated 01.04.2021 in Dinamalar