

RESUME

M. ELAIYARANI, M.Sc., M.Phil., B.Ed.

Email: elaiyarani1987@gmail.com

Mobile No: 6382119170, 8610483266



CAREER OBJECTIVE:

To pursue a challenging career in a dynamic organization and achieve the highest degree of proficiency in the field undertaken with total commitment, dedication and smart work.

EXPERIENCE :

I am currently working as an **Assistant professor** Dept of microbiology and CLT . Dr. Umayal Ramanathan college for women, Karaikudi

7 Years working Experience as an **Assistant Professor** in Microbiology & Biotechnology in Meenakshi Chandrasekaran College of Arts & Science, Pudukkottai.

One year working Experience as a **Teacher** in Thaayagam Matric Higher Secondary School, Aranthangi.

EDUCATION PROFILE:

2014: Bachelor of Education (B.Ed.) ,Prist University, Thanjavur

2010: M.Phil., Biotechnology ,Prist University, Thanjavur (First Class with Distinction 80%).

2009: M.Sc., Biotechnology , Sengamala Thayaar Educational Trust's Women college, Mannargudi (First Class with Distinction 80%).

2007: B.Sc., Biotechnology ,Meenakshi Chandrasekaran college of Arts & Science, Karambayam (First Class).

DISSERTATION WORK

M.Sc: Studies on Biodiversity and Enzyme producing Actinomycetes from Marine Soil”, at STET College, Mannargudi.

M.Phil: Wound Healing Activity of Indian Medicinal Plant in Rabbits”, at Prist University, Thanjavur.

TRAINING AND WORKSHOP ORGANIZED

- ✓ Organized PCR Hands on Workshop for Undergraduate students at Dr.URCW
- ✓ Coordinated Skill Development Program on Body language for life Science students at Dr.URCW
- ✓ Conducted Faculty Development Program on Polymerase Chain Reaction at Dr.URCW

PROFESSIONAL EXPERIENCE

Academic Contribution

- ✓ Appointed as Nan Mudalvan External Examiner for Practical Examination at Idhaya College for Women ,Department of Biochemistry and Microbiology ,Sarugani
- ✓ Appointed as Nan Mudalvan External Examiner at Nikitan College for women ,Department of Microbiology and Biotechnology ,Puthur
- ✓ Evaluated Students Practical Skills and Viva Voce performance as per University Guideline

ADMINISTRATIVE AND COMMITTEE RESPONSIBILITIES

- ✓ Member of Capacity Building Programme committee contributed to planning and implementing training program at enhancing capabilities in soft skills development program (Body language) for all undergraduate and Post graduate students at Dr.URCW ,Karaikudi.
- ✓ Member of Discipline Committee -Assisted in Maintaining institutional discipline by handling conduct issue and ensuring adherence to college regulation and ethical standards
- ✓ Member of Staff Grievances redressal Committee addressing and resolving ,staff grievances through formal procedures, promoting a harmonious and Professional and environment

INSTITUTIONAL CONTRIBUTIONS AND NAAC

- ✓ Actively involved in NAAC related work at bot Department and Institutional level contributing to quality assurance and accreditation process.
- ✓ Prepared and Maintained Documentation for NAAC Criteria such as Vand VII.
- ✓ Assisted in data collection ,analysis and report preparation for SSR Submission
- ✓ Participate in IQAC Meeting ,contributed to quality benchmark and best practice documents
- ✓ Contributed to maintaining departmental record such as student feedback report ,results analysis ,Student and staff participation certificate course ,Capacity building program scholarship documentation

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

Responsible for updating and organizing files such as

- ✓ Capacity building program files
- ✓ Certificate course file

- ✓ Staff participation file
- ✓ Student participation file
- ✓ Certificate course file
- ✓ Staff Grievances file
- ✓ Department meeting file
- ✓ Lesson plan
- ✓ Student attendance
- ✓ Internal Assessment Mark

Ensured systematic filling and easy retrieval of record for NAAC ,IQAC audits and inspections

Supported the head of the department in report generation and data submission to the college administration

PAPER PUBLICATION:

1.Antimicrobial Activity of *Cassia auriculata* L and *Morinda tinctoria* Roxb, International Journal of Research in Pure and Applied Microbiology 2011; 1(2): 9-12

2.Studies on Biodiversity and Enzyme producing Actinomycetes from Marine Soil, Journal of Toxicology.

3.In vitro Anti-oxidant Activity of the various Extracts of *Cassia auriculata* L. Flower by UV Spectro Photometer. Asian J. Pharm. Tech. 1(3): July-Sept. 2011; 70-72

4.Plant disease management problems, challenges and the future: ecological perspective.ISBN-978-81-19042-44-9.

RESEARCH PAPAERS - TO BE PUBLISHED

1.Wound Healing Activity of Medicinal Herbs in Cauvery Delta Region”-Manuscript Completed and intended for submission to a peer-reviewed journal in the field of Pharmacognosy (2025).

2A Comprehensive Review of Azima tetraacantha Leaves: Phytochemistry, Pharmacology, and Traditional Uses” (2025).

3.Formulation and Evaluation of Herbal Pain Relief Balm Derived from Medicinal Plants”

ORAL PRESENTATION

1.Presented a paper on “**Studies on Biodiversity and Enzyme producing Actinomycetes from Marine Soil**” at National level symposium on emerging trends in Biological Science, Thanjavur.

2.Presented a paper on “**Wound Healing activity of Indian Medicinal Plant in Rabbits**” at National level symposium, Arignar Anna Arts College, Viluppuram.

AWARDS AND HONORS

Thanga Nangai Award-Honored for exceptional achievements in the field of education service by **Inaivum UlagaTamil Perikkam Sadhanai Pengal-2025**.

WORKSHOP ATTENDED

1. National level workshop cum training programme on **“polymerase chain reaction (PCR),**Thanjavur (NIFTEM-T)
2. Workshop cum Training Program on **“Mushroom cultivation”** at Dr.Umayal ramanathan college for women – Karaikudi.
3. Workshop training programme on **“Azolla cultivation”**Rural training centre at Ammaravathi Puthur.

FACULTY DEVELOPMENT PROGRAM

1. Faculty development training through naan Madhavan program on **“Polymerase chain reaction Technology** “at Alagappa University , Karaikudi .
2. Seven days International Faculty development online course on programme on” **Microscope”- An overview (Phase-1)**, Scared heart college (Autonomous)Thirupattur.
3. Six days Faculty development program –Naan Mudhalvan **“Á Massive up Skilling Programme”** Organized by Tamil Nadu Govt at Alagappa University.

PARTICIPATIONS:

1. PGPR India National Conference On **‘The Beneficial Microbes as Integteted Approach for Sustainable Agriculture ;Opportunities and Challenges”** Organized by Department of Botany ,Bharathiyar University,Coimbatore
2. Participated in National level conference on **“Recent Trends in Biological Science”** Thanjavur.
3. Participated in National conference on **“Facts and Myths about Diabetics”** at Prist University, Thanjavur.
4. Participated in National Seminar on **El-Nino it’s impact over climate change of loss of Biodiversity.**
5. Presented a paper on **“Cancer”** in Meenakshi Chandrasekaran College of Arts & Science, Karambayam.
6. International conference on **“Emerging Paradigms in disease management and energy technology” ICDMET 2023** held at Dr.Umayal ramanathan college for women,Karaikudi.
7. National level awareness program on **“Intellectual property Rights (IPR)”**,sansnow’s Nobel professional foundation and san International Scientific publications and NIPAM.
8. one day international conference on**“Bioprospecting Potential of Marine Organism”** organized by Life Science- Department of Biotechnology, PRIST University,Thanjavur.

INSTRUMENT SKILL.

*PCR, Electrophoresis, Chromatography, Centrifuge, Soxhalet apparatus, Microscopy

Extra-Curricular Activities:

NSS (National Service Scheme) working experience in 2 years.

PERSONAL PROFILE:

Date of Birth	:	23 rd , June 1987
Sex	:	Female
Father's Name	:	R. Mani
Mother's Name	:	M. Parvathi
Nationality	:	Indian
Community	:	BC (Vallamber)
Permanent Address	:	49/1, Kamarajar Street, Aranthangi & Taluk Pudukkottai District - 614616.
Phone Number (Mobile)	:	6382119170.
Email	:	elaiyarani1987@gmail.com
Marital Status	:	Married

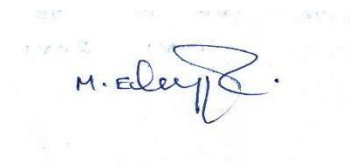
DECLARATION

I hereby confirm that the information given above is true to best of my knowledge.

Place: Aranthangi

Signature

Date:



(M. ELAIYARANI)