

Dr. M. Aarthi, Ph.D.,

S/o P. Manoharan

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OBJECTIVES

- To perform and achieve excellence in a challenging environment
- To think innovatively and look for continuous improvement in performance and growth in career
- To receive grants from various funding agencies to excel my research capability

EDUCATIONAL QUALIFICATIONS

- ***Ph.D., Biotechnology***, Bharathiar University (Highly commended) March 2023
- Qualified **STATE ELIGIBILITY TEST** in the year 2012
- ***PGDBI***, from Bharathiar University, Coimbatore, in 2009
- ***M.Phil., Biotechnology*** from Alagappa University, Karaikudi, in 2008
- ***M.Sc., Biotechnology*** in Alagappa University, Karaikudi, 2002 - 2004
- ***B.Sc., Biochemistry*** in AVS College of Science, Salem (Affiliated to Periyar University, Salem) 1999 - 2002

WORKING EXPERIENCE

- 07 August 2007 to till date: Currently serving as an ***Assistant Professor*** in the Department of Biotechnology, ***K. S. Rangasamy College of Arts and Science (Autonomous)***, Tiruchengode, Namakkal district.
- 16 August 2005 – 04 August 2007: Served as ***Instructor*** in the Department of Biotechnology, ***SRM Institute of Science and Technology***, Kattankulathur, Kancheepuram district.

FIELD OF INTEREST

- Actinomycetes and Marine Natural Products
- Immunology
- Genetic engineering

MEMBER OF ORGANISING COMMITTEE FOR SEMINAR & CONFERENCES

National : 02

International : 02

WORKSHOP ORGANIZED: 01

National level Workshop on “**The applications of Statistical methods in Biological Research**” organized on 8th and 9th September, 2016.

PROGRAMS ORGANIZED: 02 (Through Equal Opportunity Cell)

- Computer Literacy Programme on 23.09.16
- TNPSC Group IV special coaching class during 23rd December 2017 to 2nd February 2018, with the **financial support** from **Career Guidance Cell, Government of Tamilnadu.**

PUBLICATIONS (Published – 6)

- **M. Aarthi**, Gunasekaran Nandhini and B. Veluchamy. Augmenting bioactive metabolite synthesis from *Streptomyces* species isolated from mangrove sediments through physio-chemical parameters. **Indian Journal of Pharmaceutical Sciences**, 2023, 85(2) 344-354.
- Keerthanaa, T., Boobalan, S., Kamalanathan, D., Karunakaran, G., Sudha, K. G., **Aarthi, M.**, & Prasanna Rajeshkumar, M. Elicitation of apigenin in green leafy vegetable plants and its molecular docking evaluation for effective anticancer applications. **Plant Cell, Tissue and Organ Culture (PCTOC)**, 2022, 1-20.
- **Aarthi Manoharan**, Nandhini L. Gunasekaran, Kamalanathan Desingu, Gurusamy Varatharaj, Palanisamy Kuppusamy and Balakrishnan Veluchamy.

GCMS chemoprofiling of antibacterial proficient actinomycetes from mangrove sediments of Coromandel coastline, Pichavaram, Tamil Nadu state, South India. **Plant Archives**; 2020. 20(2): 3747 – 3753.

- **Aarathi Manoharan**, Velmurugan Thangavel, Prasanna Rajeshkumar Mohan and Balakrishnan Veluchamy. Molecular identification of Actinomycetes with effectual antibacterials from the sediments of Pichavaram mangrove forest, South India by sequencing the high G+C content Genomic DNA. **Indian Journal of Natural Sciences**; 2020. 10(61): 125 – 132.
- **Aarathi, M.**, Kamalanathan, D. and Balakrishnan, V. Isolation of Actinomycetes from the sediments of Pichavaram mangrove forest, South India and analysing their antibacterial efficacy. **Asian Journal of Pharmaceutical and Clinical Research**; 2020. 13(4): 120 – 125.
- **M. Aarathi**, P. Eswaran, M. Prasanna Rajeshkumar, and V. Balakrishnan. Isolation and Characterization of Gelatinase producing Halophilic Bacteria from the sediments of Pichavaram Mangrove Forest, Tamilnadu State, South India. **Research & Reviews: A Journal of Life Sciences**; 2019. 9(3): 63 – 70.

ACTIVITIES/HONOURS

- Board of studies member in the Department of Biotechnology, K S Rangasamy College of Arts and Science (Autonomous).
- Member in Question paper setting board of various colleges.
- Co-Ordinator, Equal Opportunity Cell, KSR CAS

LANGUAGES KNOWN

- **Tamil**: Speak, Write and Read
- **English**: Speak, Write and Read

PERSONAL DETAILS

Name : **M. Aarathi**


Father Name : **P. Manoharan**
Date of Birth : **16.07.1982**
Age : **42**
Gender : **Male**
Marital Status : **Married**
Nativity : **Rasipuram**
Nationality : **Indian**

DECLARATION

I do hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: **Rasipuram**

Date: 23.9.24



(Aarthi. M)