



ASWATHI. A

Designation: Assistant Professor

Qualification: MSc, M Phil, NET

Email-ID: aswathirajeev59@gmail.com

A positive person with enthusiasm for team work. She is a post graduate & also done M Phil in Microbiology from Sri Ramakrishna College of Arts & Science for Women, affiliated to Bharathiyar University, Coimbatore. She secured M Phil on the topic 'A Study on Optimization of Growth Conditions for Phosphate Solubilizers & their Biocontrol Potential Against *Fusarium* species' and is currently pursuing Ph. D in Environmental Microbiology at Karpagam Academy of Higher Education, Coimbatore. Her area of interests in teaching include Biodiversity, Research Methodology, Natural Resources Management Intellectual Property Rights and Molecular Biology.

EDUCATIONAL QUALIFICATION

- B Sc Zoology (2003) from Farook College, Calicut University
- M Sc Microbiology (2005) from Sri Ramakrishna College of Arts & Science for Women, Bharathiyar University
- M Phil (2009) from Sri Ramakrishna College of Arts & Science for Women, Bharathiyar University
- Qualified NET Exam in Life Sciences (December 2015)

WORK EXPERIENCE

- Worked as Guest Lecturer at M.A.M.O College, Mukkam for 2 years (18.08.2005- 19.10.2007)
- Assistant Professor in the Department of Microbiology at SAFI Institute of Advanced Study from 1.12.2021 till date.

AREAS OF INTEREST

Teaching

- Biodiversity, Research Methodology, Natural Resource Management, Intellectual Property Rights and Molecular Biology

Research area

- Phosphate solubilizing bacteria

PUBLICATIONS

- Shainy, Nhattuketty & Bhakthavalsalam, Asha & Shabanamol, S & Baramy, Farha & Ayiliath, Aswathi & Murugesan, Kulandhaivel. (2024). Enhanced quinalphos degradation using immobilized cells of *Enterobacter cloacae* isolated from farmland soil of Vazhayur Panchayath, Malappuram District, Kerala. Journal of Applied Biology & Biotechnology. 10.7324/JABB.2024.197535.

PRESENTATIONS

Paper Presentation

- A study on optimization of nutrient sources and biocontrol potential of phosphate solubilizing fungi in the KSCSTE Sponsored National seminar 'BIOCONFERENCE 2022' on Advances in Bioscience Research' organized by the Department of Biotechnology, EMEA College of Arts and Science, Kondotti.
- Isolation and characterization of phosphate solubilization efficiency of bacterial isolates from different rhizosphere soil samples. 16th Annual Research Congress "KAHEARC, 2024", held at Karpagam Academy of Higher Education, Coimbatore.

WORKSHOPS / TRAINING ATTENDED

- IP Awareness/Training Program under National Intellectual Property Awareness Mission on March, 2022.
- 7 Day National Level Online Faculty Development Program on ChatGPT and AI Tools for Educators, organised by Marian College Kuttikkanam (Autonomous) in association with The Kerala State Higher Education Council from 14 June to 21 June 2023.
- Two Day Residential Faculty Development Program Pedagogy Prodigies 2023 Empowering Faculty For the Future organized by the IQAC, SAFI Institute of Advanced , Vazhayur on 18th & 19th August 2023.
- Faculty Knowledge Sharing Program on 'Making Technology our ally in Classroom & Making Data search Easy: Use of Scopus in Bibliometric Analysis' at Calicut on July 27, 2024.

- One week Faculty Development Program on “Transforming Higher Education: Strategies and Philosophies for the NEP 2020 Era” organized by the IQAC, SAFI Institute of Advanced Study (AUTONOMOUS) Vazhayur, during 7th-11th January 2025.

OTHER DUTIES

External duties

Additional Examiner in Calicut University theory paper valuation.

