

Faculty profile:



Name: Dr. V. Gayathri
Qualification: M.Sc., M.Phil., Ph.D
Designation: Associate Professor
Year of Experience: UG: 20 PG: Previous Experience: UG: 2 PG: 1
Area of Specialization: (General Microbiology and Applied Microbiology,)
Email-ID: gayathri_v@ethirajcollege.edu.in

MEMBERSHIP

S.No.	Details	State/National/International
1	Life Member in the Indian Association of Applied Microbiology	National

PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1	Bioremediation Of Crude Oil In Sea Water Using Hydrocarbon Degraders With Carriers (Banana Peel, Banana Stem, Gravel And Sediment) And Nutrients	1 year (24.1.2018)	Ethiraj College Trust	10,000 Rs.
2	Biodegradation of crude oil using <i>Pseudomonas luteola</i> and screening for biosurfactant production	1 year (22.7.2019)	Ethiraj College Trust	15,000 Rs.

RESEARCH GUIDANCE

Ph.D Awarded	Nil
Ph.D Guiding	Nil

M.PhilAwarded	Nil
M.PhilGuiding	Nil

WORKSHOPS

S.no.	Organizedby	State/National/International	Topic	Date(s)
1	Immunogenix Pvt.Ltd,Chennai	State	Workshop on Basics in Bioinformatics	3.5.2018 to 5.5.2018
2	Ethiraj College for Women	State	Workshop on SPSS and AMOS	21.6.2018 22.6..2018
3	Ethiraj College for Women	State	Workshop on Faculty Development Workshop on Research Insights, Publication and Proposal Strategies	15.07.2019
4	Ethiraj College for Women	State	Workshop on Faculty Development workshop on Research, Innovation and Creativity	14.9.2019
5	Ethiraj College for Women	State	Workshop on NAAC Regulations :A Holistic approach	12.9.2019
6	Ethiraj College for Women	State	Learning Management System and Open Educational Resources	25.1.2020
7	Sathyabama Institute of Science and Technology	State	Workshop on Zebrafish cell culture techniques	7.2.2020

CONFERENCES ATTENDED/PRESENTED PAPER

S.no.	Organizedby	State/National/International	Participated/ Presented	Title	Date(s)
1	Annamalai University.	International	presented	Bacterial contamination of Green mussel, <i>Perna viridis</i> at Ennore Estuary, South east coast of India,	2010
2	Annamalai University.	National	presented	Pathogenic bacteria and heavy metal accumulation in <i>Perna viridis</i> from Ennore estuary, south east coast of India.	2011
3	M.S .Swaminathan Research Foundation And Ethiraj College,	International	presented	Identification of gut microflora from green mussel (<i>perna viridis</i>). International	2011

				conference on implications of Biotechnology on Biodiversity and its conservation.	
4	Sathyabama University	National	Presented	A pollution assessment study and heavy metal distribution in water and green mussels (<i>pernaviridis</i>) of Ennore estuary, south east coast of India.	2011
5	Bharathidasan University	National	Presented	Study of Microbiological pollution of Muthukadu using mussels as bioindicators.	2012.
6	CIBA	National	Presented	Indicator bacteria in green mussels from Ennore estuary and Royapuram, Tamilnadu.	2012
7	Kuvempu University	National	Presented	1. Environmental Factors influencing human pathogens.	2014
8	Prof.Dhanapalan College, Chennai	State	Presented	Preparation of a common Herbal Medicine with culinary plants for skin infections caused by <i>Candida albicans</i> and <i>Propionibacterium acnes</i> .	28.2.2019 to 1.3.2019

9	Sathyabama University	National	Presented *	Antibacterial activity of ink and tissue extract from Octopus dollfusi against human urinary pathogens	17.9.2019 and 18.9.2019
10	SRM University	National	presented	Bioremediation of crude oil using hydrocarbon degrading bacteria Pseudomonas luteola by immobilization methods	2022

**Best paper award kindly do put*

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SEMINARS

S.no.	Organizedby	State/national/international	Topic	Date(s)
1	Dr.MGRjanaki College of Arts andScience	State	Ambrosia	3.7. 2015
2	Valliammal college for women	National	Seminar on Natural Products	7.1.2017

CERTIFICATECOURSES /VALUEADDEDCOURSES

S.no.	Offeredb y	Topic	Duratio n
1	Swayam	Refresher course on teacher and teaching in higher education	16 weeks
2	ICMR and NIR under swayam	Basic course in Biomedical research	16 weeks
3	AICTE approved fdp course	Developing soft skills and Personality	8 weeks
3	NPTEL course in Leadership,	Leadership	4 weeks

JOURNALPUBLICATIONS

S.NO.	JOURNALNAME	UGC /SCI/SCIE/WOS	ISBN/ISS NNUM BER	REFE REN CE	DATE OFPUBLICATI ON/DOI
1	Journal of Advanced Biotechnology				2011

2	Indian Journal Of Applied Microbiology		ISSN NO: 2249-8400		2012
3	International Journal Of Biotechnology				2012
4	Indian Journal Of Applied And Pure Biology				2013
5	Indian Journal of Biological studies and Research.				2013
6	Nature ,Environment And Pollution Technology, Technoscience publications.	UGC approved and Scopus indexed Journal	ISSN NO: 0972-6268		2013
6.	International Journal of current Microbiology and Applied Sciences		ISSN :2319-7706		2016
7	International Journal of current Microbiology and Applied Sciences.		ISSN :2319-7706		2017
8	Journal of pure and Applied Microbiology	UGC approved and Scopus indexed Journal	ISSN :0973-7510		2018
9	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	UGC approved and Scopus indexed Journal	ISSN : 0972-3005		2019
10	Global Journal Of Bio-Science And Biotechnology	UGC approved	ISSN -2278-9103		2019
11	Ecology Environment & Conservation	UGC approved	ISSN 0971–765X ,		2022
12	Ecology Environment & Conservation	UGC approved	ISSN 0971–765X ,		2022
13	Ecology Environment & Conservation	UGC approved	ISSN 0971–765X ,		2023
14	Ecology	UGC approved	ISSN 0971–765X ,		2023

Environment & Conservation					
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FDP/STTP

S.no.	Organizedby	State/National/International	Topic	Date(s)
1	Ramanujam College, University of Delhi	National	FDP on Managing Online classes and Co- Creating MOOCS 2.0 Recent trends and Challenges in Research	18.5.20-3.6.20
2	Ramanujam College, University of Delhi	National	Open tools for Research	6.6.2020 – 14.6.20
3	Ramanujam College, University of Delhi	National	Recent trends and Challenges in Research	10.5.2021 – 18.5.21
4	St.Joseph's College of Engineering, Chennai	National	Prospects and Challenges in Biofuels and Bioenergy	11.11.2019 – 16.11.2019
5	Dr.B.R.Ambedkar University of Delhi	National	Online course cum FDP Podcasts in Education	21.12.2020 – 17.01.2021

WEBINARS[National/International]

S.no.	Organizedby	State/National/International	Topic	Date(s)
1	Sathyabama Institute of Science and Technology and California Institute of Science and Medicine	National	Novel Microbes and Newer threats	20.4.20 – 2.5.20
2	St.Francis college for Women, Hyderabad ,	National	Host pathogen Interaction and prevention	30.4.2020

AWARDS:

- BEST PAPER AWARD - National Conference on Aquatic Biotoxins - Organized by CAS IN Marine Biology, ANNAMALAI UNIVERSITY, 2011.
- BEST PAPER AWARD –National Seminar on Marine Natural Products as Pharmaceutical Agents (NSMNP-2019), SATHYABAMA UNIVERSITY, 2019

OTHERS :

- Appointed as the subject expert in Selection Committee for recruitment of Assistant Professor in Microbiology- Dr.MGRJanaki College for Arts and Science,Chennai.Ref: NoA – II/MPV/Dr.MGRJanaki/Selection committee/2016/139 dated 22.4.2016.
- Has delivered a special lecture on “ENVIRONMENTAL POLLUTION “- WHAT EVERYONE NEEDS TO KNOW” in the One Day International Seminar on Current Trends in Life Science: “THE IMPACT OF ENVIRONMENTAL POLLUTION ON DISEASES AND DRUG RESISTANCE” on13.9.2017 atKandaswamiKandar’s College, P.Velur,Namakal.
- Nominated as Subject Expert for Board of Studies in M.Sc.Applied Microbiology, Justice Basheer Ahmed Sayeed College for Women, Teynempet,Chennai.
Ref:No.iii/gr/2006/Sut.confmt/1826 dated 5th July 2006 on 24.4.2018
- Went as a Evaluator for” Regional Level Children Science Congress” KENDRIYA VIDYALAYA Chennai ,2019
- Special Drive scrutiny Committee (Assistant Professor qualification approval) held on 29.11.19 in University of Madras
- Expert member in the Doctoral committee for the Department of Biotechnology in the faculty of Engineering and Technology, SRM institute of Science and Technology,4.10.2021(No.SRMIST/R/Doctoral Committee.5093-ESST/2021- 4362)