

SRI SANKARA ARTS & SCIENCE COLLEGE
ENATHUR, KANCHIPURAM
STAFF PROFILE
DEPARTMENT OF BIOTECHNOLOGY



1.	Name of the Staff	Dr.A.SHYAMALA
2.	Designation	Assistant Professor
3.	Date of Joining	09.10.2019
4.	Mobile Number	9150496004
5.	E-Mail ID	shamphd1989@gmail.com shyamalabiotech@sankaracollege.edu.in
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., M.Phil., Ph.D
8.	Field of Specialization	Microbiology Environmental biotechnology Molecular biology Microbial Nanotechnology
9.	Ph.D Thesis Title	Bioprospecting of Actinomycetes :Exploring their biomedical and bioremediation applications
10.	Awarding University, Year of Award	Thiruvalluvar University 2018

11. Work Experience:

S.No.	Name of the Institution	Designation	Period
1	Sri Sankara Arts and Science College (Autonomous), Kanchipuram	Assistant professor	October 2019 to Till date

12.Publications:

S.No.	Title	Journal	Pages
1	Bioremediation of Methyl Orange, a synthetic textile azo dye by a halotolerant bacterial strain	<i>Int. J. Curr. Res. Acad. Rev</i>	2(8):373-381
2	Prodigiosin mediated biosynthesis of silver nanoparticles (AgNP'S) and evaluation of its antibacterial efficacy	<i>Int.J.Curr.Microbiol.App.Sci</i>	4(11): 868-874
3	Response Surface Modelling through Box-Behnken approach to optimize bacterial quorum sensing inhibitory action of <i>Tribulusterrestris</i> root extract	<i>Rhizosphere</i>	6:134–140

13. Awards and Achievement:

S.No	Program Attended	Place	Awards	Period
1.	National seminar on “Emerging trends in medical and environmental biotechnology”	Kanchi Sri Krishna College of Arts and Science	Best Oral Presentation	6 th March 2015
2.	State level conference on “Bio-World (Biological Wisdom of Resilient Life Science Diversity”	MMES College for Women	Best Oral Presentation	13 th February 2015
3.	International conference on “Creativity And Innovation for Business Sustainability”	Periyar maniammai university	Best Oral Presentation	6 th and 7 th November 2014
4.	National Conference on “Wonders of the small: Exploring the Microbial world”	Pondicherry University	Best Poster Presentation	3 & 4 April 2014
5.	State Level Conference on “Advancements in Biotechnology for Human	MMES College for Women	Best Poster Presentation	18 th Feb 2014.

	Welfare and Environmental Safety”			
6.	National Level Seminar on „Emerging multiple drug resistant (MDR) and Extensively Drug Resistant (XDR) Microbes”	DKM college for Women(Autonomous)	Best Poster Presentation	10 th Jan 2014.
7.	National Seminar on “Challenges For Microbiologists To Become Bio-Entrepreneurs”	Periyar university, Salem	Best Poster Presentation	27 th August 2014

14. Membership in Professional Bodies: NIL

15. Oral & Poster presentation

S.No.	Program Attended	Place	Presented	Period
1.	International Conference on “Emerging trends in Biosciences	MMES college for Women	Biogenic synthesis of silver nanoparticle by <i>streptomyces globisporus</i> and its antilarvicidal activity”	27 th and 28 th February 2018
2.	International Conference on “CTECBS - 18	DKM College for Women (Autonomous)	Marine actinomycetes, bioremediation of azo dye and toxicity studies”	15 th and 16 th February 2018
3.	National Symposium on “Recent Scenario of Environmental Pollution in India”	Thiruvalluvar University	“Eco-friendly Biodegradation of azo dye, metanil yellow by <i>streptomyces variabilis</i> isolated from marine sediment	5 th October 2017
4.	International conference “Recent Advances in Bioresource Technology	Thiruvalluvar University	Bioprospecting of soil actinomycetes from forests for antiMycobacterial activity”	15 – 17 February 2017
5.	National conference on “Public health Microbiology : Issues, Challenges and Prevention	Madras Christian College	Eco-friendly biodegradation of azo dye Rhodamine B by <i>Streptomyces variabilis</i> isolated from marine sediment	21 & 22 September 2016.
6.	National symposium on “Recent Advances in Biomedical Technology”	Thiruvalluvar University	Bacterial Detoxification of Textile Azo Dye by Halotolerant– Bacillus Sps.TVU S2	26 – 27 February 2015

16. Seminars Conference Participated:

S. No.	Program Attended	Venue	Period
1	International Web Conference on Advances in Biotechnology - Gene Technology	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai.	17 th &18 th February 2021
2	Virtual workshop on „Disease Models of Laboratory animal Experimentation	D.K.M College for women(Autonomous), Vellore.	15 th Feb 2021
3	National E- Conference on Medical Laboratory in the COVID ERA	Vinayaka Mission“s Research Foundation, Salem.	12 th Feb 2021
4	International Webinar on “Sustainable alternate for replacing Plastics to avoid the effects of Plastic Pollution	D.K.M College for women (Autonomous),Vellore.	12th January 2021
5	National webinar on “Research, Innovation and Entrepreneurship in the Biotechnology Sector	ST. MARY“S COLLEGE Thrissur, Kerala.	28 th August 2020
6	National faculty development programme on „a perspective of emerging Advances in Life Sciences“	Ethiraj College for Women, Chennai.	27- 29 July 2020
7	Employability Enhancement Webinar Series on Patent Professional - as a Career	Bharathidasan university,Tiruchirapalli.	18 th May 2020
8	National Symposium „Recent Headway in Biotechnology	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai.	5 th Feb 2020
9	workshop on “Mining Metabolites: From Plants to Microbes” Organized by School of Biosciences and Technology	VIT University, Vellore.	29 th – 31 th August 2016
10	International Conference on “Recent Trends In Life Science	Auxilium college for women, Vellore.	12 th and 13 th December 2013
11	“Biotechnology for Safe Health and Secure Environment”	Sri Ramachandra University, Chennai.	23th September 2010

17. Participated as Resource Person: NIL

18. Workshop & Training Programmes:

S.No	Program Attended	Venue	Period
1	Faculty Development Programme on Research Prospects and Progress in Biological Science (RPPB - 2022)	Department of Biotechnology, SRM Institute of Science and Technology, Ramapuram Campus, Chennai	4 th -10 th July 2022
2	Faculty Development Programme on Directions and 'Dimensions of Accrediation criteria in the light of NEP for HEIS'	ICT Academy, IIITDM, Jabalpur	3 rd - 12 th Feb 2022

19. Projects Completed: NIL

20. Any other Details:

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Scopus Id: Sc: 57202683614

<https://www.scopus.com/authid/detail.uri?authorId=57202683614>