

**SRI SANKARA ARTS & SCIENCE COLLEGE**  
**ENATHUR, KANCHIPURAM**

**STAFF PROFILE**

**DEPARTMENT OF BIOTECHNOLOGY**



1.	<b>Name of the Staff</b>	<b>Dr.A.SHYAMALA</b>
2.	<b>Designation</b>	<b>Assistant Professor</b>
3.	<b>Date of Joining</b>	<b>09.10.2019</b>
4.	<b>Mobile Number</b>	<b>9840867568</b>
5.	<b>E-Mail ID</b>	<a href="mailto:shamphd1989@gmail.com">shamphd1989@gmail.com</a> <a href="mailto:shyamalabiotech@sankaracollege.edu.in">shyamalabiotech@sankaracollege.edu.in</a>
6.	<b>Nationality</b>	<b>Indian</b>
7.	<b>Academic Qualification</b>	<b>M.Sc.,M.Phil., Ph.D</b>
8.	<b>Field of Specialization</b>	<b>Microbiology Environmental biotechnology Molecular biology Microbial Nanotechnology</b>
9.	<b>Ph.D Thesis Title</b>	<b>Bioprospecting of Actinomycetes :Exploring their biomedical and bioremediation applications</b>
10.	<b>Awarding University, Year of Award</b>	<b>Thiruvalluvar University 2018</b>

### 11. Work Experience:

S.No.	Name of the Institution	Designation	Period
1	Sri Sankara Arts and Science College (Autonomous),Kanchipuram	Assistant professor	(1year &7month) Sep 2019

### 12.Publications :

S.No.	Title	Journal	Pages
1	Bioremediationof 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 <sup>th</sup> March 2015
2.	State level conference on “Bio-World (Biological Wisdom Of Resilient Life Science Diversity”	MMES College for Women	Best Oral Presentation	13 <sup>th</sup> February 2015
3.	International conference on “Creativity And Innovation for Business Sustainability”	Periyar maniammai university	Best Oral Presentation	6 <sup>th</sup> and 7 <sup>th</sup> 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 <sup>th</sup> Feb2014.

	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 <sup>th</sup> Jan 2014.
7.	National Seminar on “Challenges For Microbiologists To Become Bio-Entrepreneurs”	Periyar university, Salem	Best Poster Presentation	27 <sup>th</sup> 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>streptomycesglobisporus</i> and its antilarvicidal activity”	27 <sup>th</sup> and 28 <sup>th</sup> February 2018
2.	International Conference on “CTECBS - 18	DKM College for Women (Autonomous)	Marine actinomycetes, bioremediation of azo dye and toxicity studies”	15 <sup>th</sup> and 16 <sup>th</sup> 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 <sup>th</sup> October2017
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 <sup>th</sup> & 18 <sup>th</sup> February 2021
2	Virtual workshop on 'Disease Models of Laboratory animal Experimentation	D.K.M College for women (Autonomous), Vellore.	15 <sup>th</sup> Feb 2021
3	National E- Conference on Medical Laboratory in the COVID ERA	Vinayaka Mission's Research Foundation, Salem.	12 <sup>th</sup> 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 <sup>th</sup> 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 <sup>th</sup> May 2020
8	National Symposium 'Recent Headway in Biotechnology	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai.	5 <sup>th</sup> Feb 2020
9	workshop on "Mining Metabolites: From Plants to Microbes" Organized by School of Biosciences and Technology	VIT University, Vellore.	29 <sup>th</sup> – 31 <sup>th</sup> August 2016
10	International Conference on "Recent Trends In Life Science	Auxilium college for women, Vellore.	12 <sup>th</sup> and 13 <sup>th</sup> December 2013

11	“Biotechnology For Safe Health And Secure Environment”	Sri Ramachandra University, Chennai.	23 <sup>th</sup> September 2010
----	--	--------------------------------------	---------------------------------

17. Participated as Resource Person: NIL

18. Workshop & Training Programmes: NIL

19. Projects Completed: NIL

20. Any other Details: