



K.M.G. COLLEGE OF ARTS AND SCIENCE

Permanently Affiliated to Thiruvalluvar University and
Recognized by UGC under section 2(F) & 12(B) of the UGC Act 1956.
Accredited with 'A' Grade by NAAC
Associate member of ICT Academy

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STAFF PROFILE

Name : **Dr.D.SUDHA**
Father's Name : Mr.R.Dhanapal
Mother's Name : Mrs.D. Govindhammal
Husband Name : Dr.K.Gowdhaman
Marital Status : Married
Gender and Date of Birth : Female and 30-07-1984
Nationality and Religion : Indian and Hindu
Community and Category : MBC and Vanniakula Kshatriyar

Permanent Address

Dr. D. SUDHA
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Educational Qualification **Mobile No:** 9092483136, 9943089232, 7639791913

Name of the Exam	University/Institution/Board	Year of Passing	Class	Subjects
Ph.D.,	Periyar University, Salem.	2014	Awarded	Microbiology
M.Phil.,	Adhiparasakthi College of Arts and Science, Kalavai, Vellore District.	2006-2007	I Class	Microbiology
M.Sc.,	Adhiparasakthi College of Arts and Science, Kalavai, Vellore District.	2004-2006	I Class	Applied Microbiology
B.Sc.,	D.K.M College for Women, Vellore District.	2001-2004	I Class	Zoology
Hr.Sec	Board of Higher Secondary Examination, Tamil Nadu	2001 March	I Class	General Education
SSLC	Board of Secondary Education, Tamil Nadu	1999 April	I Class	General Education

Work Experience

College: **SriSankaraArts&ScienceCollege**, Enathur, Kanchipuram.

Department : Microbiology.

Post :AssistantProfessor.

Periods:10Months(From16.06.2015To15.04.2016)

College:**K.M.G.CollegeofArts&Science**, Gudiyattam-635803.

Department : Microbiology.

Post :AssistantProfessor.

Periods: From06.12.2019Totill date

ResearchActivities

M.Phil., :“StudiesonMicrobialDecolourizationofSynthetic Dyes”.

Ph.D., :“BioremediationofReactiveAzoDyesby*Bacilluslicheniformis*and
*Bacillusthuringiensis*IsolatedfromTextileEffluentContaminated Site”.

As nations industrialize, population grows faster, and the environment is increasingly perceived as both a source of raw materials and a place to dispose of the concentrated waste by-products of industry. There is a growing concern over soil and groundwater contaminations with hazardous wastes, sometimes caused by effluents from industrial wastewatertreatment plants. Thereseearchwas focusedonthebioremediationof textileeffluents by using bacterial strains effectively.

FellowshipReceived

S.No	Name	Institution	Year
1	UniversityResearchFellowship (URF)	PeriyarUniversity,Salem.	2010-2013

Research PaperPublicationin InternationalJournals–3

1. **Sudha, D. and R. Balagurunathan.** 2012. Studies on fungal decolourization of synthetic dyes. International Journal of Current Research and Review, **4(14)**: 28-36.
2. **Sudha, D. and R. Balagurunathan.** 2013. Effect of process parameters on anaerobic decolourization of reactive azo dyes using *Bacillus licheniformis* isolated from textile effluent contaminated site in Perundurai, India. International Research Journal of Environmental Sciences. **2(8)**: 37-43.

3. **Sudha, D. and R. Balagurunathan.** 2013. Biodegradation of reactive red 2 azo dye by *Bacillus licheniformis* isolated from textile effluent contaminated site. International Journal of Current Research and Review, **5(18)**: 1-9.

Genbank Publication – 2

NCBI Accession Numbers

1. KC866382

2. KC886606

Paper Handled

Bioremediation

Food Microbiology

Environmental Microbiology

Herbal Technology

Bioinstrumentation

Participation of Faculty Development Programme

Islamiah Women's Arts and Science College, Vaniyambadi conducted Internal Quality Assurance Cellon "How to Prepare Proposals for Research Projects, Minor and Major" – 2021.

Paper Presentation /Participation of International Conference/Symposium

- ✓ International Symposium on Environmental Risk Assessment 2011 (ISERA 2011).
- ✓ International Conference on Environment, Genes, Health and Diseases - 2011 presented a paper entitled "Decolourization of Tannery Effluent by Using *Pseudomonas* sp."

Paper Presentation/Participation of National Conference/ Seminars

- National Level Seminar on Vistas in Plant and Microbial Technology.
- National seminar on Recent Trends in Microbial Technology with Reference to Extremophiles (EXTREMOS' 2010).
- National Seminar on current trends in viral diseases and its diagnosis (CTVD - 2011) presented a paper entitled "Swine Flu (H₁N₁)."

- 9th National Conference of Indian Association of Applied Microbiologists [IAAM] on Current Trends in Microbial Technology (CTMT - 2011) presented a paper entitled “Water Pollution and Control.”
- National Seminar on global environmental issues and remediation technologies (GEIRT - 2012) presented a paper entitled “Biodegradation of azo dyes by a strain of *Pseudomonas* sp. isolated from effluent contaminated soil.”
- National Seminar on Molecular Aspects of Microbiology (NSMM-2012).

Participation of Workshop

- ❖ Equal Opportunity Cell of Periyar University [EOCOPU] conducted a workshop on “Research Techniques / Funding Sources”.
- ❖ Department of Microbiology, Periyar University, Salem conducted a workshop on “Microbes to Commercial Products”-2014.

Total No. of M.Sc produced – 12

I have been appointed as a practical examiner & paper evaluator in autonomous colleges

Reference

Dr. R. Balagurunathan,
 Professor and Head,
 Department of Microbiology,
 Periyar University,
 Periyar Palkalai Nagar,
 Salem - 636011.

Signature

Date:

[Dr.D.SUDHA]