



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

Dr.N.SUNDARAMOORTHY.M.Sc., M.Phil.,NET.,Ph.D.

Assistant professor

PG & Research department of microbiology

K.M.G. College of Arts and Science

Gudiyattam – 635803

Mobile:7845199109

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ACADEMIC QUALIFICATION

Degree	Branch	School/Institution/ University	year of Passing	Grade
Ph.D	Applied Microbiology – Biotechnology (Interdisciplinary)	Thiruvalluvar University	2022	Highly Commendable
NET	Agricultural microbiology	Indian council for Agricultural Research	2016	-
M.Phil	Biotechnology	Bharadidhasan University	2006	I Class
M.Sc.,	Appliedmicrobiology	AdhiparasakthiCollegeo f Arts &Science, Kalavai(University of Madras)	2001	II Class
B.Sc.,	Microbiology	AdhiparasakthiCollegeo f Arts &Science, Kalavai(University of Madras)	1993	II Class

Teaching Experience

- Working as an Assistant professor in PG and Reseach Department of microbiology, **K.M.G.College of Arts and Science, Gudiyattam**, Vellore Dt (2017 to Till)
- Worked as an Assistant Professor in PG and Research Department of Microbiology, **Adhiparasakthi College of Arts and Science, Kalavai**, Vellore Dt (June 2008 to 2017)
- Worked as an Assistant Professor and Head in Department of Microbiology, **Mazharul Uloom College, Ambur**, Vellore Dtn (2001 to 2008)
- Worked as an Assistant Professor in Department of Biotechnology, **Islamiah College, Vaniyambadi**, Vellore Dt (2006 to 2007 – morning shift)
- Worked as a Guest Lecture in Department of microbiology, **K.M.G.College of Arts and Science, Gudiyattam**, Vellore Dt (2005 to 2006)
- Worked as a Guest Lecture in Department of microbiology, **Sri lakshmi Narasimma College , Palluru**, Chittoor Dt (2001 to 2005)

Industrial Experience

- Worked as Microbiologist – , **FOURRTS India Pvt, Ltd, (Pharma)** Kelampakkam (1993 to 1996)

Responsibilities :

- Quality control and Quality assurance of raw and finished product analysis
- GMP (Good manufacturing practice)
- Documentation (ISI)
- Consultant Microbiologist **Helius Medikids , Kattupakkam, Chennai**
- Endorsed Microbiologist From Drug control department

Training undergone

- Nature of training - Orientation course for programme officer (25.07.2012 to 31.07 2012)

Faculty Development Programme

- Training programme on Academic Leadershiop (22.01.2018 to 25.01.2018) Islamiah College, Vaniyambadi
- Training programme on Academic Leadershiop (07.09.2018 to 14.09.2018) Islamiah College, Vaniyambadi

- Training programme on Strategies for Effective Teaching (05.12.2022 to 07.12.2022) Thiruvalluvar University, Serkkadu
- Training programme on Skill Development and Entrepreneurship (20.02.2023 to 22.02.2023) Thiruvalluvar University, Serkkadu

Research experience

- **Ph.D thesis;** Biogenic synthesis of chitosan oligosaccharides from the exoskeleton of marine crustaceans; Innovative insights into its Biotechnological applications
- **M.Phil thesis:** “ Biosorption and discolouration of Rhodamine B and Basic violet 2 using fungi isolated from soil samples collected from textile dyeing industry “
- **M.Sc., Dissertation:** ‘ Antibacteria activity of traditional medicines’

Papers published

- Production of prodiagnosisin from Serratiamarcescens isolated from soil - oct 2009 Indian journal of science and technology
- Effect of Azadirachta indica leaves on monocytes of earthworm – 2012 journal of current perspectives in applied microbiology
- Biomedical applications of Chitosan and its derivatives – Review – 2021 International journal of current microbiology and applied Sciences
- Evaluation of the Antimicrobial and Antioxidant efficacy of Biogenic chitosan synthesized from the prawn exoskeleton – 2021 International journal of current microbiology and applied Sciences

Research Guidance

- M.Phil students - Guided for 13 students
- M.Sc students - Guided for about 26 students

Present Research Field:

- **Enzymes** : Isolation and characterization of bacterial enzymes, production and purification of enzymes
- **Environment** : Hydrocarbon and dye degradation Waste disposable management and recycling

Fields of Expertise

- Antimicrobial compounds from herbals
- Production of bioactive compounds, pigments and Enzymes from microorganisms
 - Molecular biology techniques
 - Hydrocarbon degradation
 - Environmental waste recycling and product development

Skill set

- Preparation of research and review articles
- Experimental protocol designing & Standard Operating Procedures (SOP)

Seminars and Conference participated

- State level - 11
- National level - 18
- International level - 04
- Organized - 09
- **Workshop Participated-** 08

OTHER ACADEMIC HIGHLIGHTS

- Former chairman for both UG and PG board of studies.
- I have been invited as Resource person.
- I have been appointed as External for Conducting UG practical Examination since 2002 for various autonomous colleges.
- I have been appointed as question paper setter for various autonomous colleges.
- I served as NSS programme officer, placement officer, physical director incharge and President for Alumni club

Personal Details

Nationality : Indian
Date of birth : 24.05.1973
Father s Name : Late M.Nagalingam
Sex : Male
Marrital status : Married
Residential
Address : NO , 4 Malligai street,
Pallikonda – 635 809
Anaicut Tk,
Vellore Dt.

Tamil Nadu, India

Social Association

Life member in Alliance Club social organisation to carry out social activities.

(N.SUNDARAMOORTHY)