

SRI SANKARA ARTS AND SCIENCE COLLEGE
ENATHUR, KANCHIPURAM



STAFF PROFILE
DEPARTMENT OF MICROBIOLOGY

1.	Name of the Staff	Dr. MURUGAN. T
2.	Designation	Assistant Professor
3.	Date of Joining	31.07.2019
4.	Mobile Number	9894046454
5.	E-Mail ID	tmurugamb@gmail.com
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., Ph.D., SET
8.	Field of Specialization	Bacteriology, Molecular Biology, Immunology, Microbial Technology
9.	Ph.D. Thesis Title	Production Characterization and to Study the Proficiency of Microbial Surfactants for Biomedical and Pharmaceutical Applications
	Awarding University, Year of Award.	Noorul Islam Centre for Higher Education, 2018

10. Work Experience (in chronological order):

S. No.	Name of Company/ Institution	Designation	Period
1	Kamini Biotech, Thuckalay, Tamil Nadu	Research Officer	16-06-2010 to 30-11-2012
2	Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari Dt. TamilNadu	Senior Research Fellow	13-12-2012 to 04-08-2017
3	Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari Dt. Tamil Nadu	Assistant Professor	10-08-2017 to 31-05-2019
4	Sri Sankara Arts & Science College, Enathur, Kanchipuram	Assistant Professor	31-07-2019 to Till date

11. Other Academic and Administrative Responsibilities: Nil

12. Publications:

S. No.	Title of the Paper	Journal Name	Vol.No. &Page Nos.
1	Assessment of Plant Nutrients Quality in Vermicompost Processed with <i>Ceiba Pentandra</i> Fruit Waste by <i>Eudrilus Eugeniae</i>	Research Journal of Agricultural Sciences	2021; 12(4): 1397-1400
2	Production and Characterization of Extra Cellular Pectinase from a Newly Isolated <i>Bacillus</i> Species from Fruit Waste Soil	Materials Today: Proceedings	2021; 45(2): 2087-2090
3	Bio-potent Bacterial Population in the Vermicompost of <i>Eudrilus eugeniae</i> in different Concentrations of Plant Waste with Cow-dung Mixture	Research Journal of Agricultural Sciences	2021; 12(2), 478-482
4	Estimation of Phenolic and Flavonoid Content and <i>Invitro</i> Antioxidant and Antibacterial Activity of <i>Memecylon umbellatum</i> Burn	Journal of Pharmacognosy and Phytochemistry	2019; 8(2), 1434-1439

5	Isolation and Identification of Endophytic Fungi <i>Rhizopus delemar</i> from <i>Memecylon umbellatum</i> in Gudiyum Forest, Tamil Nadu, India	International Journal of Scientific Research and Reviews	2018; 7(4), 948-955
6	Antibacterial Effect of Surface Active Agent Produced by <i>Pseudomonas</i> sp. Isolated from Saltpan	Journal of Pharmaceutical Sciences Research	2018; 10(1), 196-197
7	Rhamnolipid Biosurfactants Produced by <i>Pseudomonas</i> sp. MK5 and its Efficacy on Pharmaceutical Application	Research Journal of Pharmacy and Technology	2017; 10(8), 2645-2649
8	Synthesis and Characterization of Environment Friendly Silver Nanoparticles	Journal of Pharmaceutical Sciences Research	2017; 9(9), 1545-1548
9	Isolation and Screening of Biosurfactant Producing Bacteria from Halophilic Environment	International Journal of Research in Engineering and Bioscience	2016; 4(2), 9-13
10	Assessment of Antibacterial Efficacy of Different Tooth Pastes on Dental Caries Bacteria	Rasayan Journal of Chemistry	2016; 9(3), 335-339
11	Study of <i>Vibrio</i> species and its Occurrence Frequency in Collected Seafood Samples	Asian Journal of Pharmaceutical and Clinical Research	2016; 9 (S11), 229-231
12	Screening, Production and Antibacterial Potential of Biosurfactant from <i>Bacillus subtilis</i> Isolated from Oil Contaminated Soil	International Journal of Pharmaceutical Sciences Review and Research	2016; 38(2), 115-118
13	Isolation and Identification of Chitinase Producing Native Fungi from Saltpan of Puthalam, Kanyakumari District, Tamil Nadu, India	Journal of Applied Biology and Biotechnology	2016; 4(3), 1-5

14	Study of Bacterial Dominance and its Occurrence Frequency in Dental Plaque Sample	International Journal of Pharmaceutical and Clinical Research	2016; 8 (6), 548-550
15	Production and Characterization of Alkaline Phosphatase Produced by <i>Bacillus</i> Species	Journal of Applied Biology and Biotechnology	2015; 3(5), 31-34
16	Study of Freshwater Fish Fauna in Periyakulam Riverine Wetland, Kanyakumari District	International Journal of Fisheries and Aquatic Studies	2015; 2(5), 150-152
17	Quantification of DNA in Preserved and Fresh Specimen of Cyprinid Fish– <i>Puntius arulius</i>	Crossion Resonance	2014; 5 (2), 185-187
18	Screening of Marine Green Algae <i>Ulva</i> Species for Anticoagulant Activity	International Journal of research in Engineering and Bioscience	2013; 1 (1), 101-109
19	In-vitro Antibacterial Activity and Phytochemical investigation on Leaf Extracts of <i>Cassia fistula</i>	International Journal of research in Engineering and Bioscience	2013; 1, 32-41
20	Isolation and Characterization of Probiotic Lactic Acid Bacteria from Milk and Curd Samples	International Journal of Pharma and Bio Sciences	2013; 4(1), 317-324
21	Antimicrobial Activity and Phytochemical Constituents of Leaf Extracts of <i>Cassia auriculata</i>	Indian Journal of pharmaceutical sciences	2013; 75(1), 122-125
22	Antibacterial and Antifungal Activities of Actinobacteria Isolated from Rathnagiri Hills	Journal of Applied Pharmaceutical Science	2012; 2(10), 99-103
23	Production and Optimization of Single Cell Oil by Oleaginous Bacteria Isolated from Oil Contaminated Environments	International Journal of Current Research and Review	2012; 4(8), 175-184

13. Membership in Professional Bodies: Nil**14. Seminars Conferences organized /Participation:**

S. No.	Programme Attended	Place	Organized/ Participated	Period
1	Recent trends in biotechnology and its ethical implications	Auxilium College, Vellore	Participated	9 &10 Jan, 2008
2	Microbial ecology biodiversity, molecular techniques and prospects	Kandaswami Kandar's College, Namakkal	Participated and Presented Poster	12&13 Dec, 2008
3	Recent trends in Microbiology and biotechnology	Dept. of Microbiology, Sri Adhi Parasakthi College, Kalavai	Participated	11 Mar, 2009
4	Recent Trends in Biotechnology	Holy Cross College, Nagercoil	Participated	13 Jan, 2010
5	Emerging novel avenues and opportunities in modern biological sciences	Dept. of Microbiology, MR Govt. Arts College, Mannarkudi	Participated	1&2 Mar, 2013
6	Drug discovery, threatened medicinal plants & strategies for sustainable use	St. Andrew's College, Gorakhpur	Participated	25&26 Sep, 2013
7	Recent advances in biotechnology and applied microbiology	Kanchi Sri Krishna College of Arts & Science	Participated	3&4 Mar, 2014
8	Emerging trends in medical and environmental biotechnology	Dept. of Microbiology, Kanchi Sri Krishna College of Arts & Science, Kanchipuram	Participated and Presented Paper	6 Mar, 2015

9	Impact of climate change on Environmental and Biodiversity	Sri Paramakalyani centre for Excellence in Environmental Sciences, M.S. University, Alwarkurichi	Participated and Presented Paper	26 & 27 Mar, 2015
10	Changing Environment, Plants, diseases and Human Health- Vulnerability and Impact assessment for Adaptation to Climate change: The road to Future	St. Andrew's College, Gorakhpur	Participated	9 & 10 Nov, 2016
11	Transitional and Translational Scenarios in Biological Sciences	Dept. of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore	Participated and Presented Paper	9 & 10 Sep, 2016
12	Recent Advances in Engineering, Science and Technology	Dept. of Biomedical engineering, Noorul Islam University	Participated	28 Mar 2017
13	Microbes, Microbial processes and Products	PG Dept. of Microbiology, STET Women's College, Sundarakkottai	Participated and Presented Paper	12 Sep, 2017
14	Future trends in Marine Biotechnology	CMST, Manonmaniam Sundaranar University	Participated and Presented Paper	14th & 15th February 2019

15	Webinar on How to Diagnosis COVID 19 diagnose Novel Corona Virus (COVID19)	Immugenix Biosciences	Participated	4 th May 2020
16	“Webinar Series 2020” On Peptide Microarray and COVID 19 diagnosis	Government Arts College for Women, Krishnagiri	Participated	20 th June 2020
17	National on Webinar NAAC – Revised Accreditation Framework: Pathway to Excellence in HEI	IQAC, Sri Sankara Arts and Science College	Participated	19 th February 2021
18	Webinar on “Road to Success: Handling Stress to Reach your Goal”	Institution Innovation Council, Holy Cross College (Autonomous), Nagercoil	Participated	24-05-2021
19	National level Webinar on “Biodiversity Conservation and Challenges”	Department of Zoology, Holy Cross College (Autonomous),	Participated	28-05-2021
20	National Webinar on “Industrial Spirulina Production Technology”	Department of Microbiology, Ayya Nadar Janaki Ammal College	Participated	02-06-2021
21	International Webinar on “Stem cell and its Therapeutic Applications”	Department of Microbiology, Ayya Nadar Janaki Ammal College	Participated	04-06-2021

22	National Webinar on “Orientation Programme for Re-Accreditation of Autonomous Colleges	The National College (Autonomous), Bangalore	Participated	03-06-2021
23	International Virtual Conference on “Genetic Technology-2021 (ICGT-2021)”	Department of Allied Health Sciences, Noorul Islam Centre for Higher Education,	Participated	28-05-2021
24	Webinar on “Research Indicators, Publishing Ethics and Predatory Journals”	Library of Holy Cross College, Nagercoil	Participated	14-07-2021
25	Virtual Student Development Program on CHALLENGES AND OPPORTUNITIES IN FOOD INDUSTRIES	Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology, Chennai	Participated	27-05-2022
26	National Seminar on “COVID -19: Pre and Post Covid Impact on Physical and Mental Health	Gurukula Kangri, Haridwar	Participated	14-05-2022 to 15-05-2022
27	International Webinar on "A Peek into using Next Generation Sequencing (NGS)	Department of Physiology, Saveetha Dental College & Hospitals, Chennai	Participated	19-10-2022

15. Workshop & Training Programmes:

S. No.	Programme	Venue	Period
1	Lab Animal handling and Research	CLATR, Sathyabama University, Chennai	28-30 Sep, 2015
2	Advances in Microscopy, Histochemistry and Plant Microtechniques	Dept. of Plant Science, M.S. University, Tirunelveli	26-28 Dec 2016
3	Fundamental of Biomedical Instrumentation	Dept. of Biomedical Science and Technology, Noorul Islam Centre for Higher Education	6 Apr 2018
4	Outcome Based Education	Internal Quality Assurance Cell, Noorul Islam Centre for Higher Education	2 Nov 2018
5	Attended Faculty Development Program “Certificate Course in Bioinformatics (CCBI)	Association of Indian Biologists (AIB), Tamil Nadu	1 to 28 Jun 2021
6	Attended Faculty Development Program “Certificate Program in Herbal Technology (CPHT)	Association of Indian Biologists (AIB), Tamil Nadu	3 to 30 Jun 2021
7	Attended International one week Faculty Development Program on Research	Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur	02-05-2022 to 07-05-2022
8	FDP on Directions and Dimensions of Accreditation Criteria in the light of NEP for	E & ICT ACADEMY, PDPM IIITDM, JABALPUR	03-02-2022 to 12-02-2022

16. Any other Details:-

Nil