

SRI SANKARA ARTS & SCIENCE COLLEGE

ENATHUR, KANCHIPURAM

STAFF PROFILE

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY

1.	Name of the Staff	PALANIVEL S
2.	Designation	Assistant Professor
3.	Date of Joining	19.07.2024
4.	Mobile Number	9840504776
5.	E-Mail ID	2010palani@gmail.com
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., M.Sc (EVS)., Ph.D
8.	Field of Specialization	Plant Biotechnology, Environmental Biotechnology & Aquatic Biology
9.	Ph.D Thesis Title	Studies on the Freshwater Algal Diversity in Tamil Nadu, India.
10.	Awarding University,	University of Madras
	Year of Award	2019 March

11. Work Experience:

S.No.	Name of the Institution	Designation	Period
01	The New College (Autonomous), Chennai	Assistant Professor	Dec 2020 to April 2024

12. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
	New College Environmental Science & Technology (NEST)	Coordinator	2022 - 2024

13. Publications:

S. No	Year	Title	Journal	Volume & Pages
01	2024	Diet of smooth-coated otter <i>Lutrogale perspicillata</i> (Geoffroy, 1826) in the Moyar River, Western Ghats, South India	Academia Biology	2: 1 – 11
02	2024	A treatise on diversity of algae from the Western Ghats, Tamil Nadu, India.	International Journal of Botany Studies	9(1):4 – 13
03	2023	Population status and temporal activity pattern of two vulnerable otter species from camera trapping in the southern western ghats biodiversity hotspots	IUCN Otter Specialist Group Bulletin	40(4): 183 – 196
04	2023	A Preliminary Studies on Diversity of Algae from Ubbalamadugu Waterfalls, Eastern Ghats, Andhra Pradesh, India	International Journal of Botany Studies.	8(8):9 – 15
05	2022	A Pilot Study on Diversity and Biomonitoring of Ariyalur Pond, Tiruvallur district, Tamil Nadu, India: With Special Reference to Algae.	Plant Archives	22(2): 314 – 321
06	2021	Floristic Study on Angiosperms surrounding the Medavakkam Lake, Chengalpattu District, Tamil Nadu, India	Plant Archives	21(1):1953 – 1962
07	2020	Acquainting algal flora of Guru Nanak College campus, Chennai, Tamil Nadu, India.	Journal of Algal Biomass Utilization	11(1): 38 – 46

08	2018	Status of Mugger Crocodiles (<i>Crocodylus palustris</i>) in river Moyar, Southern India	Cobra – Chennai Snake Park Trust.	12 (2): 1 – 9.
09	2018	Asserting Algal Flora of Sikkarayapuram Stone Quarries: A Lentic Ecosystem near Chennai City, Tamil Nadu, India	Journal of Theoretical and Experimental Biology	13 (1 and 2): 87-101
10	2017	Algal Diversity of Arulmigu Sri Thiyagarajaswamy Temple Tank Thiruvottiyur, Chennai, Tamil Nadu, India.	Indian Journal of Science and Technology	10(13): 1 – 7
11	2017	Biodiversity of Cyanobacteria in Azhagar hills, Madurai District of Tamil Nadu, India	International Journal of Current Science	20(1): E 79-86.
12	2016	Chronicling algal flora of two temple tanks from Sub-urban of Chennai, India.	International Journal of Current Science.	19(4): E 120-131.
13	2016	Pre and Post- Monsoon Quest on Diversity of Algal Taxa and Physicochemical Parameters of Kodiveri Waterfalls, Erode, Tamil Nadu, India.	Journal of Theoretical and Experimental Biology	12 (1 and 2): 07-21
14	2016	Studies on the micro algal flora of Theerthamalai, Dharmapuri District, Tamil Nadu.	Seaweed Research Utilization	38(1): 109 – 113.
15	2016	Micro algal diversity in Swamithope saltpans, Kanniyakumari District, Tamil Nadu	Seaweed Research Utilization	38(1): 131 – 135.
16	2016	Morphology and taxonomy of <i>Oscillatoria pinceps</i> Vaucher ex Gomont (OSCILLATORIALES, OSCILLATORIAEAE),	Indian Journal of Education and Information Management	5(1): 1 – 5

14. Awards and Achievement:

- Successfully completed **Algae Biotechnology** an online non-credit course authorized by **University of California San Diego** and offered through Coursera (May 2021)
- Successfully completed **Improving Global Health: Focusing on Quality and Safety** a course of study offered by HarvardX, an online learning initiative of **Harvard University** (June 2021)

- Successfully completed **The Health Effects of Climate Change** a course of study offered by HarvardX, an online learning initiative of **Harvard University** (June 2021)

15. Membership in Professional Bodies:

S. No	Name of the Membership	Venue	Period
01	Life Member (Indian Science Congress Association)	Kolkata, West Bengal	June 2022 – Till date

16. Seminars Conferences organized:

S. No	Program Attended	Place	Organized	Period
01	Tools and Techniques in Applied Bioinformatics (15 days National Level Internship Programme)	The New College, Chennai	Organizing Member	19.07.2021 to 02.08.2021

17. Oral & Poster presentation

S. No.	Program Attended	Place	Presented	Period
01	Recent Trends in Plant Science and Atmospheric Physics” (RTPSAP – 2022)	E.S Arts and Science College, Villupuram.	Paper Presentation	26.05.2022
02	6 th UK Algae Conference (Physical Mode)	The University of Sheffield, Sheffield, United Kingdom	Flash Poster (Oral cum Poster)	07.07.2016
03	National Symposium on “Algae for Human Welfare – AFHW – 2015”	PR Govt. College, Kakinada, Andhra Pradesh. India	Oral Presentation	19.08.2015 to 21.08.2015
04	National Conference on “Biodiversity and Human Health: New Perspectives	Bharathi Women’s College, Chennai. India	Oral Presentation	06.02.2015
05	National Conference on Scientific Challenges for a Clean Environment	Guru Nanak College, Chennai, India	Oral Presentation	30.03.2015 to 31.03.2015

18. Seminars Conference Participated:

S. No.	Program Attended	Venue	Period
01	International conference on Technological Advances in Agricultural, Animal and Medicinal Science for Better Quality of Life	Guru Nanak College, Chennai	02.03.2018
02	National seminar on “Innovative Technologies in Insect Science”	Guru Nanak College, Chennai	14.11.2016
03	National conference on “Strategies for Quality Enhancement in Higher Education”	Guru Nanak College, Chennai	15.07.2016 to 16.07.2016
04	6th UK Algae Conference	The University of Sheffield, United Kingdom	07.07.2016
05	State Level Seminar on “Science for Indigenous India”	Guru Nanak College, Chennai	28.03.2016
06	National Seminar on “Algal Taxonomy and Applications”	SDNB Vaishnav College, Chennai	27.11.2015 to 28.11.2015
07	National Symposium on “Algae for Human Welfare”	PR Govt. College, Kakinada, Andhra Pradesh	19.08.2015 to 21.08.2015
08	National Conference on “Scientific Challenges for A Clean Environment”	Guru Nanak College, Chennai	30.03.2015 to 31.03.2015
09	National Conference on “Biodiversity and Human Health: New Perspectives”	Bharathi Women’s College, Chennai.	06.02.2015
10	National Conference on “Perspectives, Potentials and Prejudices of Probiotics”	Women’s Christian College, Chennai	23.01.2015 to 24.01.2015
11	95th Indian Science Congress (Annual conference of our prestigious ministry of Science and Technology)	Andhra University, Visakhapatnam	03.01.2008 to 07.01.2008
12	Young Scientists conference on Environment, Health and Food	Loyola College, Chennai	03.12.2007 to 04.12.2007

19. Participated as Resource Person:

S. No	Name of the event	Role	Venue	Period
01	National Science Fair 2024	Jury Member – Evaluator	B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai	20.01.2024 to 21.01.2024
02	Introduction to Mushroom Cultivation Technology (Workshop)	Chief Guest and Resource Person	Stella Maris College, Chennai	04.09.2023
03	Vigyan Mela State Level Science Exhibition	Jury Member – Evaluator	Smt Narbada Devi J Agawal Vivekanada Sr Sec School, Chennai	26.08.2023
04	Bio-Entrepreneur Skill Workshop on Mushroom Cultivation Technology (Workshop)	Chief Guest and Resource Person	Thiruthangal Nadar College, Chennai	17.02.2023
05	Institutional Day Commemoration	Chief Guest and Resource Person	Annakkili Amma Research Institute (AARI), Chennai	08.06.2022

20. Workshop & Training Programmes:

S. No	Program Attended	Venue	Period
01	Virtual Professional Development Programme on AI tools for Optimizing Pedagogical Delivery	Sri Kanyaka Parameswari Arts & Science College, Chennai	23.04.2024 to 27.04.2024
02	National Level FDP on “Curriculum, Research and Innovation for Academic Excellence”	Jamal Mohamed College Tiruchirappalli	01.02.2024 to 07.02.2024
03	FDP on Next Generation Sequencing – From Genomics to Medicine	PES University, Bangalore.	25.07.2022 to 28.07.2022
04	FDP on Advanced Integrated Tools for Research in Marine Biology and Biotechnology	Sathyabama Institute of Science & Technology, Chennai	25.04.2022 to 29.04.2022
05	Faculty Induction Programme	The New College Chennai	11.01.2021 to 20.01.2021
06	Workshop on Plagiarism	Guru Nanak College, Chennai	27.09.2017

07	Workshop on Biochemical & Molecular biology techniques	Institute of Basic Medical Sciences, University of Madras	27.03.2017 to 31.03.2017
08	Workshop on “Advances in Algal Biotechnology	Institute of Technology (IIT) Bombay, Mumbai	21.11.2015
09	Workshop on “Application of Global Positioning System (GPS)”	Bharathi Women’s College, Chennai.	07.11.2015 to 08.11.2015
10	Workshop on “Mass Cultivation of Bio – fertilizers and Bio – control Agents”	Women’s Christian College, Chennai	09.09.2015
11	Training on ‘Digital Photography’	Department of Backward Class and Welfare, Government of Tamil Nadu	23.02.2009 to 22.05.2009

21. Projects Completed:

S. No	Name of the project	Period	Grant Received/Status
01	Conservation of Otters through community participation in River Moyar, Tamil Nadu	2015 - 2016	12460 USD Conservation Leadership Programme (Team Category) – completed
02	Molecular characterization of Algae isolated from The New College campus, Chennai	2023 - 2024	20,000 INR Research and Innovation Seed Grant, The New College (Student Project) – completed

22. Any other Details: Orcid Id: 0000-0003-4044-7141

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Research Gate: <https://www.researchgate.net/profile/Palanivel-Sonaimuthu>