



DR. S. PARAMASIVAM
PROFESSOR

Contact

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Academic Qualifications

Degree/certificate	Institution	Year/Date	Branch	Class
SCUBA-Open water Diver	Professional Association of Diving Instructors (PADI), Diver No.: 2307AT5526	2023	----	----
Ph.D.	Annamalai University	2003	Marine Biology	Awarded
M.Sc.	Annamalai University	1996	Coastal Aquaculture	I
B.Sc.	Bharathidasan	1994	Zoology	I

	University			
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Research experience : 22 years

Teaching Experience

Total teaching Experience : 17 Years

Position	Institution / University	Duration
Professor	Alagappa University	22.02.2024-till date
Associate Professor	Alagappa University	22.02.2021- 23.02.2024
Assistant Professor Stage I (23.2.2009 to 22.02.2013) Stage II (23.2.2013 to 22.02.2018) Stage III (23.2.2018 to 22.02.2021)	Alagappa University	23.02.2009 to 22.02.2021

Academic and Additional Responsibilities

S.No	Position	University Bodies	Period	
			From	To
1	Campus Director	Alagappa University, Satellite Campus, Thondi	2025	Till date
2	Department Level Co-ordinator : IQAC	Alagappa University	2023	Till date
3	Co-ordinator	Thondi Tourism Spot	2025	Till date
4	Co-ordinator: Coaching Scheme for NET Exam	Alagappa University	2022	Till date
5	Deputy Warden	Thondi Hostel, Alagappa University	2024	Till date
6	In-charge : Department Chemicals and glasswares	Alagappa University	2017	Till date
7	Department Level Co-ordinator : Swachh Bharath	Alagappa University	2018	Till date
8	Member, Board of Studies for M.Sc., Oceanography & Coastal Area Studies, M.Sc., Marine Biology (5 years)	Alagappa University	2019	2022

	Integrated) and P.G. Diploma in SCUBA diving (Add on course)			
9	Member, Board of Studies for M.Sc., Oceanography & Coastal Area Studies, M.Sc., Marine Biology (5 years Integrated) and P.G. Diploma in SCUBA diving (Add on course)	Alagappa University	2022	2025
10	University Representative for Distance Education Examinations (DDE)	Different Examination centres of Alagappa University	2009	Till date
11	Member, Board of Studies for B.Sc., Marine Biology	Alagappa University	2022	2025
12	Member, Board of Studies for M.Sc., Environmental Science	Alagappa University	2022	2025
13	Department Level Co-ordinator : Placement cell	Alagappa University	2022	Till date
14	Member of Academic council	Member, Question Paper setting and evaluation board: UG & PG Examination of following Universities: <ul style="list-style-type: none"> ➤ Alagappa university ➤ Annamalai University ➤ Bharathidasan University ➤ Tamilnadu Dr. J. Jayalalitha Fisheries University 	2009	Till date

Areas of Research

Professor S. Paramasivam and his team involved in extending the shelf life of seafoods under different storage condition and also analysing secondary metabolites from marine invertebrates associated bacteria for different biomedical applications. Research on bioremediation of heavy metals, microplastics and their effect in seafood is undergoing to ensure the safety of the consumers.

Patents Filed/published/Granted

1. A novel synergetic bio-preservation for extending the shelf life of food. File No.: 202141009962. [Indian patent].
2. Biotech oil cleaner (design). Design No.: 381086-001 [Indian Patent].
3. Portable Nanoparticle cytotoxicity tester for cancer (design). Design No.: 6319466. [UK patent].

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	PDF	---	---
	Ph.D	01	06
	M.Phil	---	---
Project	PG	33	03
	UG / Others	02	02

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
28	---	2	2	4

Cumulative Impact Factor (as per JCR)	:	59.316
h-index	:	17
i10 index	:	21
Total Citations	:	1294

Thesis Evaluated	:	09
Viva voce Examiner	:	09

Funded Research Projects

Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	RUSA-2.0, MHRD, New Delhi	2023	2025	Incorporation of natural preservatives to enhance the shelf life and enrich nutrients in seafoods during storage	10.0

Completed Projects:

Sl. No	Agency	Period		Project Title	Budget (Rs. in lakhs)
		From	To		
1	Alagappa University Research Fund (AURF)	2009	2010	Screening of potential antimicrobial extracts from marine sponges.	0.64
2	University Grants Commission (UGC), New Delhi	2011	2014	Molecular characterization of histamine producing bacteria from Indian mackerel (<i>Rastrelliger kanagurta</i>).	7.00
3	Department of Science and Technology (DST)-Science and Engineering Research Board (SERB), New Delhi	2012	2015	Detection and public health significance of biogenic amines in the fishery products.	18.90
4	RUSA-2.0, MHRD, New Delhi	2019	2022	Incorporation of natural preservatives to enhance the shelf life and enrich nutrients in seafoods during storage	13.0

Distinctive Achievements / Awards

- DST-SERB Young Scientist award- 2012
- Recipient of Alagappa University prestigious research award “Vallal Alagappar Research Recognition Award for the year 2020”.
- Recipient of Alagappa University prestigious research award “Promising Researcher Award for the year 2022 (with cash price Rs. 3000/-)”.

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 16

Position	Programme	Duration	Institution
Seminar/Symposia/Workshop Organized			
Organizing Secretary	Recent trends and future prospects of Nanomarine Sciences	23-24.03.2009	Alagappa University, Karaikudi, Tamilnadu.
Organizing Secretary	State level Seminar on “Sensitive Coastal Ecosystems”	11.12. 2015	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, Tamilnadu.
Co-ordinator	“Fisherman Livelihood Seaweed Culture Training Programme” conducted for coastal fisherwomen	25 -28.01. 2017	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, Tamilnadu.
Co-ordinator	Short-term Training Programme on “Training and Scope of SCUBA Diving”	15 and 16 02.2017	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, Tamilnadu.
Organizing Secretary	National Conference on “Conservation And Sustainable Development Of Marine Resources (CASDOMER-2018)”	22 and 23. 03. 2018	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, Tamilnadu.

Organizing Secretary	International conference on “Recent Advances in Marine Biodiversity and Conservation (RAMBAC-2019)	12 and 13. 12. 2019	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Science Campus. Tamilnadu, India.
Organizing Secretary	Webinar on “Recent Advances in Marine Biodiversity and Conservation”	18 - 20. 05. 2020	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Science Campus. Tamilnadu, India.
Co-ordinator	Organized a awareness programme for NET examination “Cracking NET Exam tips and tricks”	11.04.2023	Alagappa University, Karaikudi, India on
Organizing Secretary	Organized a Training programme on “Country Boat fishnet making for Fisherfolk- An alternative livelihood”	23.02.2024 to 29.02.2024	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus. Tamilnadu, India.
Organizing Secretary	Organized a Training programme on “ Seaweed cultivation for Fisherfolk”	29.02.2024	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus. Tamilnadu, India.
Events organized/Co-ordinated			
Organizing Secretary	World Ocean Day-2011	09. 08. 2011	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.
Organizing Secretary	World wetlands day-2016	02.02.2016	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.
Organizing Secretary	World wetlands day-2017	13.02. 2017	Department of Oceanography and Coastal Area Studies,

			School of Marine Sciences, Thondi Campus, India.
Organizing Secretary	World wetlands day-2020	30.02.2020	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Science Campus, Karaikudi, Tamilnadu, India.
Organizing Secretary	Coastal cleanup day-2023	16.09.2023	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Science Campus, Karaikudi, Tamilnadu, India.
Events Participated			
Organizing Secretary	National Science Day-2024	28.02.2024	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.

Number of Conferences / Seminars / Workshops: 30

Membership

Professional Bodies

- Life Member: Indian Science Congress Association, Kolkotta, India.
- Community member: American Chemical Society (ACS)

Advisory Board

Year / Period	Name of the BoS / Administrative Committee / Academic Committee	Role
2022-2025	B.Sc., Marine Biology	Member
2022-2025	M.Sc., Oceanography & Coastal Area Studies	Member
2022-2025	P.G. Diploma in SCUBA diving	Member

2022-2025	M.Sc., Marine Biology (5 years integrated)	Member
2022-2025	M.Sc., Environmental Science	Member

Ph.D. Thesis Guided

S. No	Name of the Scholar	Title of the Thesis	Year of Completion
1	Dr. A. Arulkumar	Studies on biogenic amines forming bacteria and levels of biogenic amines in fish and fishery products, with reference to their control, using natural preservatives	2018

List of Research Articles / Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1	Abimannan Arulkumar, Bikari Swain and Sadayan Paramasivam . 2020. Shelf life extension of sardines (<i>Sardinella albella</i>) using betel leaf (<i>Piper betle</i>) incorporated ice. Food and Bioprocess Technology. doi : 10.1007/s11947-020-02466-1. ISSN : 1935-5149. [Springer].	3.356
2	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam & Spiros Paramithiotis. 2021. Detection of biogenic amines in Indian fish and fishery products consumed in Southeast Coast Region of India, Journal of Aquatic Food Product Technology, 30 (1): 95-106. [Taylor & Francis].	1.020
3	Selvaraj Gopi, Abimannan Arulkumar, Arumugam Ganeshkumar, Rajendran Rajaram, Jose Manuel Miranda and Sadayan Paramasivam. 2020. Heavy Metals Accumulation in Seagrasses collected from Palk Bay, South-eastern India. Marine Pollution Bulletin. doi.org/10.1016/j.marpolbul.2020.111305. 157, 111305. [Elsevier].	4.049
4	Abimannan Arulkumar, Bikari Swain and Sadayan Paramasivam. 2020. Shelf life extension of sardines (<i>Sardinella albella</i>) using betel leaf (<i>Piper betle</i>) incorporated ice. Food and Bioprocess Technology. doi : 10.1007/s11947-020-02466-1. ISSN : 1935-5149. [Springer].	3.356

5	Abimannan Arulkumar, Kumar Satheeshkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Jose M. Miranda. 2020. Chemical Biopreservative Effects of Red Seaweed on the Shelf Life of Black Tiger Shrimp (<i>Penaeus monodon</i>). <i>Foods</i> , 9, 634; doi:10.3390/foods9050634. ISSN 2304-8158. [MDPI] .	4.092
6	Arulkumar A., K. Sampathkumar and S. Paramasivam. 2020. Antibacterial and <i>invitro</i> antioxidant potential of Indian mangroves. <i>Biocatalysis and Agricultural Biotechnology</i> 23: 101491.doi.org/10.1016/j.bcab.2019.101491. [Elsevier] .	3.8
7	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam & Spiros Paramithiotis. 2021. Detection of biogenic amines in Indian fish and fishery products consumed in Southeast Coast Region of India, <i>Journal of Aquatic Food Product Technology</i> , 30 (1), 95-106, doi.org/10.1080/10498850.2020.1856262. ISSN:1547-0636, [Taylor & Francis] .	1.020
8	Abimannan Arulkumar, Spiros Paramithiotis and Sadayan Paramasivam. 2021. Biogenic amines in fresh fish and fishery products. <i>Aquaculture and Fisheries</i> . doi.org/10.1016/j.aaf.2021.02.001. ISSN: 2468-550X, [Elsevier] .	---
9	Uttra Bhandari, Abimannan Arulkumar, Arumugam Ganeshkumar, Sadayan Paramasivam, Rajendran Rajaram, Jose Manuel Miranda.2021. Metal accumulation and biomineralisation of coastal and mangrove-associated molluscs of Palk Bay, Southeastern India, <i>Marine Pollution Bulletin</i> , 167, 112259. doi.org/10.1016/j.marpolbul.2021.112259. ISSN : 1879-3363, [Elsevier] .	4.049
10	Das D, Arulkumar A, Paramasivam S, Lopez-Santamarina A, del Carmen Mondragon A, Miranda Lopez JM. 2023. Phytochemical Constituents, Antimicrobial Properties and Bioactivity of Marine Red Seaweed (<i>Kappaphycus alvarezii</i>) and Seagrass (<i>Cymodocea serrulata</i>). <i>Foods</i> .12(14):2811. https://doi.org/10.3390/foods12142811 . [MDPI] .	5.5
11	Rajendran Rajaram, Vethanayaham Jebashalomi, Partheeban Emmanuel Charles and Sadayan Paramasivam. 2023. A critical review on nanoplastics and its future perspectives in the marine environment, <i>Environmental Monitoring and Assessment</i> . 11;195(10):1186. [Springer] .	3.307
12.	Jebashalomi Vedhanayagam, Emmanuel Charles Partheeban, Prabhu Kolandhsamy, Vithya Dharmaraj, Rajaram Rajendran and Paramasivam Sadayan. 2024. Assessment of ground water quality and the effects of chromium residues in the vicinity of shutdown tanneries. <i>Total Environment Advances</i> . 11, 200106. https://doi.org/10.1016/j.teadva.2024.200106 . [Elsevier] .	---
13	Robert Suriyaprakash, Smruti Sudha Chand, Abimannan Arulkumar, Sadayan Paramasivam, Rajendran Rajaram, Jose Manuel Miranda, Sahab Nangammada.2024. Metal contamination in mangrove tissues, seeds, and associated sediments from the Vattanam mangrove forest of Palk Bay, southeastern India: An ecological risk assessment, <i>Marine Pollution Bulletin</i> , 209, (Part A), 2024, 117141, ISSN 0025-326X, https://doi.org/10.1016/j.marpolbul.2024.117141 . [Elsevier] .	4.9

	Book chapters	
1	Partheeban Emmanuel Charles, Rajendran Rajaram, S. Selvam, Sadayan Paramasivam, Chapter 11 - Microplastic pollution in marine sea salts, Editor(s): Selvam Sekar, Venkatramanan Senapathi, Chidambaram Sabarathinam, Prasanna Mohan Viswanathan, In .NET Developers Series, Meso and Microplastic Risk Assessment in Marine Environments, Elsevier, 2024, Pages 215-228, ISBN 9780323909808, https://doi.org/10.1016/B978-0-323-90980-8.00013-3 . [Elsevier].	---
2.	Kolandhasamy Prabhu, Partheeban Emmanuel Charles, Khalida Jabeen, Rajendran Rajaram, Sadayan Paramasivam, S. Selvam, Chapter 14 - Adsorption of heavy metals on microplastics in marine environments, Editor(s): Selvam Sekar, Venkatramanan Senapathi, Chidambaram Sabarathinam, Prasanna Mohan Viswanathan, In .NET Developers Series, Meso and Microplastic Risk Assessment in Marine Environments, Elsevier, 2024, Pages 275-292, ISBN 9780323909808, https://doi.org/10.1016/B978-0-323-90980-8.00016-9 . [Elsevier].	---
	Edited Books	
1	Mohammed Rafiqkhan K, Balalakshmi, C, S. Arul Diana Christie, & S. Paramasivam. (2024). Biointelligence: The basics of AI in Biological Sciences Vol-II. Chrisam. https://doi.org/10.5281/zenodo.13341319 .	---

Sequences submitted in Genbank with accession Numbers: 30

Resource persons in various capacities

Invited Lectures : 15