



DR. S. PARAMASIVAM
ASSOCIATE PROFESSOR

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Academic Qualifications

Degree	Institution	Year	Branch	Class
B.Sc.,	Bharathidasan University	1994	Zoology	I
M.Sc.,	Annamalai University	1996	Coastal Aquaculture	II
Ph.D.,	Annamalai University	2003	Marine Biology	By thesis

Teaching Experience : 15 years

Research Experience

Total Research Experience : 17 Years

Position	Institution / University	Duration
Assistant Professor	Alagappa University	2009 -2018
Associate Professor	Alagappa University	2018 - till date

Academic and Additional Responsibilities

S.No	Position	University Bodies	Period	
			From	To
1	In-charge : Department Chemicals and glasswares	Alagappa University	2017	Till date
2	Department Level Co-ordinator : Swachh Bharath	Alagappa University	2018	Till date
3	Department Level Co-ordinator : Placement cell	Alagappa University	2022	Till date
4	Department Level Co-ordinator : IQAC	Alagappa University	2023	Till date
5	Co-ordinator: Coaching Scheme for NET Exam	Alagappa University	2022	Till date

Areas of Research

- Seafood quality and safety
- Marine Microbiology
- Marine Pollution

Patents Filed

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	02
	M.Phil	---	---
Project	PG	28	05
	UG / Others	---	---

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
28	---	2	2	1

Cumulative Impact Factor (as per JCR) : 50.509

h-index : 15
i10 index : 19
Total Citations : 889

Publications

Thesis Evaluated : 5
Viva voce Examiner : 5

Funded Research Projects

Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
RUSA-2.0, MHRD, New Delhi	2023	2024		Incorporation of natural preservatives to enhance the shelf life and enrich nutrients in seafoods during storage- II	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	2012	2015	Detection and public health significance of biogenic amines in the fishery products.	18.90

	Engineering Research Board (SERB), New Delhi				
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
- 2. Vallal Alagappan Research Recognition Award-2020.
- 3. Promising Researcher Award-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 th March, 2009.	Alagappa University, Karaikudi
Organizing Secretary	State level Seminar on “Sensitive Coastal Ecosystems”	11 th December, 2015	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus
Co-ordinator	“Fisherman Livelihood Seaweed Culture Training Programme” conducted for coastal	25 th to 28 nd January, 2017	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi

	fisherwomen		Campus
Co-ordinator	Short-term Training Programme on “Training and Scope of SCUBA Diving”,	15 th and 16 th February, 2017	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus
Organizing Secretary	National Conference on “Conservation And Sustainable Development Of Marine Resources (CASDOMER-2018)”	22 nd and 23 rd March, 2018	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus
Organizing Secretary	International conference on “Recent Advances in Marine Biodiversity and Conservation (RAMBAC-2019)	12 and 13 th December, 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 to 20 th May, 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 at	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	at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus. Tamilnadu, India.
Events organized/Coordinated			
Organizing Secretary	World Ocean Day- 2011	9 th August, 2011	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.

Organizing Secretary	World wetlands day-2016	2 nd February, 2016	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India
Organizing Secretary	World wetlands day-2017	13 th February, 2017	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.
Organizing Secretary	World wetlands day-2020	3 rd February, 2020	at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Science Campus, Karaikudi, Tamilnadu, India.
Organizing Secretary	Coastal cleanup day-2023	16 th September, 2023	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.
Organizing	National Science Day-	28 th February,	Department of

Secretary	2024	2024	Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, India.
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Number of Conferences / Seminars / Workshops: 30

Membership

Professional Bodies

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

Advisory Board

Events Participated

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

1. No. of PhD Thesis evaluated : 05
2. No. of PhD Public Viva Voce Examination : 05
conducted

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, Sadayan Paramasivam, Palanivel Rameshthangam & Spiros Paramithiotis. 2020. Detection of biogenic amines in Indian fish and fishery products consumed in Southeast Coast Region of India, Journal of Aquatic Food Product Technology, (<i>In Press</i>). [Taylor & Francis].	1.020
2	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.	4.049

	doi.org/10.1016/j.marpolbul.2020.111305. [Elsevier].	
3	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
4	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>). Foods, 9, 634; doi:10.3390/foods9050634. ISSN 2304-8158. [MDPI].	4.092
5	Arulkumar A., K. Sampathkumar and S. Paramasivam. 2020. Antibacterial and <i>invitro</i> antioxidant potential of Indian mangroves. Biocatalysis and Agricultural Biotechnology 23: 101491.doi.org/10.1016/j.bcab.2019.101491. [Elsevier].	---
6	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, doi.org/10.1080/10498850.2020.1856262. ISSN:1547-0636, [Taylor & Francis].	1.020
7	Abimannan Arulkumar, Spiros Paramithiotis and Sadayan Paramasivam. 2021. Biogenic amines in fresh fish and fishery products. Aquaculture and Fisheries. doi.org/10.1016/j.aaf.2021.02.001. ISSN: 2468-550X, [Elsevier].	---
8	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, Marine Pollution Bulletin, 167, 112259. doi.org/10.1016/j.marpolbul.2021.112259. ISSN : 1879-3363, [Elsevier].	4.049.

9	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
10	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. doi: 10.1007/s10661-023-11701-z. [Springer].	3.307

Resource persons in various capacities

Invited Lectures : 06

Date : (Signature)

Place :
Name
Designation