



Dr. S. Paramasivam
Assistant Professor

Contact

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Academic Qualifications:

Degree	Board/University	Subject	Year	Division/Grade
B. Sc.	Bharathidasan University	Zoology	1994	First Class
M. Sc.	Annamalai University	Coastal Aquaculture	1996	First Class
Ph.D.,	Annamalai University	Marine Biology	2003	By thesis

Teaching Experience: 08 years

Research Experience: 13 years

Additional Responsibilities

1. In-charge : Department Chemicals and glasswares
2. Department Co-ordinator : Swachhh Bharath and Swasth Bharath

Areas of Research

Marine Microbiology/Seafood safety

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	---	1
	M.Phil.	---	---
Project	PG	10	1

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
11	---	1	1	1

Cumulative Impact Factor (as per JCR) : 1.2
h-index : 4
i10 index : 3
Total Citations : 100

Funded Research Projects

Completed Projects

S. 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

Events organized in leading roles

Seminars / Conferences / Workshops / Events organized:

1. National seminar on "Recent trends and future prospects of Nanomarine Sciences" was held on 23-24th March, 2009 at Alagappa University, Karaikudi, Tamilnadu, India.
2. "World Ocean Day-2011" was held on 9th August, 2011 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi campus, Tamilnadu, India.
3. State level Seminar on "Sensitive Coastal Ecosystems" was held on 11th December, 2015 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus-623 409 Tamilnadu, India.
4. "World wetlands day-2016" was held on 2nd February, 2016 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi campus, Tamilnadu, India.
5. "Fisherman Livelihood Seaweed Culture Training Programme" held on 25th to 28nd January, 2017 for coastal fisherwomen at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi campus, Tamilnadu, India.

6. Short-term Training Programme on “Training and Scope of SCUBA Diving” conducted on 15th and 16th February, 2017 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi campus, Tamilnadu, India.
7. “World wetlands day-2017” on 13th February, 2017 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi campus, Tamilnadu, India.

Events Participated

Conferences/ Seminars / Workshops: 45

Membership in

Professional Bodies

1. Life Member: Indian Science Congress Association, Kolkotta, India

Resource persons in various capacities

Invited / Special Lectures delivered:

1. Delivered a special lecture entitled “Histamine fish poisoning” at Alagappa Botanical Club (ABC), Department of Botany, Alagappa Government Arts College, Karaikudi on 27-04-2013.
2. Delivered a special lecture on “**Formation and control of biogenic amines in sea foods**” at CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai on 20.01.2016.

Others

1. No. of Ph.D., Thesis evaluated : 2
2. No. of PhD Public Viva Voce Examination conducted : 2
3. Sequences submitted in GenBank : 30

Recent Publications

1. Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda. 2017. Effects of turmeric (*Curcuma longa*) on shelf life extension and biogenic amine control of cuttlefish (*Sepiabrevimana*) during

- chilled storage. *CyTA-Journal of Food*. (DOI: 10.1080/19476337.2017.1296495). Impact Factor: 0.769. ISSN: 1947-6337 (Accepted).
2. Abimannan Arulkumar, Gunasekaran Karthik, Sadayan Paramasivam and Mohamed A Rabie. 2016. Histamine levels in Indian Fish via Enzymatic, TLC and HPLC methods during storage. *Journal of Food Measurement and Characterization*. 11 (1):281-289. Impact Factor: 0.521. ISSN-2193-4126.
 3. Sadayan Paramasivam, Balakrishnan Balachandar and Abimannan Arulkumar. 2015. Change in histamine level and microbial load in the eviscerated and uneviscerated Indian mackerel (*Rastrelliger kanagurta*) at different storage temperature. *American Journal of Advanced Food Science and Technology*. 3 (2): 94-106.
 4. Abimannan Arulkumar and Sadayan Paramasivam. 2015. Sensory quality and biochemical changes in deep queen fish (*Scombroides Tala*) during ice storage. *Asian Jr. of Microbiol. Biotech. Env. Sci.*, 17 (Spl. iss) 171-179. ISSN:0972-3005.
 5. Arulkumar.A and S. Paramasivam. 2015. Biogenic amine production from fresh carangids fish (*Carangoides praeustus*) stored at 25°C. In: Proceedings of the Biovision-2014 (Recent Trends and Current Perspectives of Biosciences), 31-35. ISBN: 978-81-924835-3-5.
 6. Balachandar Balakrishnan, Sadayan Paramasivam and Abimannan Arulkumar. 2014. Evaluation of the lemongrass plant (*Cymbogon citrates*) extracted in different solvents for antioxidant and antibacterial activity against human pathogens. *Asian Pac. J. Trop. Dis.*4 (Suppl1): S134-S139. ISSN:2222-1808.
 7. Sadayan Paramasivam, Abimannan Arulkumar and Kottairaj Malarvizhi. 2014. Histamine level and Histamine producing bacteria in *Chirocentrus dorab*, *Gerres filamentosus* and *Siganus oramin* at ambient temperature (34°C). *Basic Research Journal of Food Science and Technology*. 1 (7): 60-66. ISSN-2354-4074.
 8. Paramasivam, S., B. Balachandar and T. Sathya 2013. Inhibitory activity of ink and body tissue extract of *Euprymna stenodactyla* and *Octopus dollfushi* against histamine producing bacteria. *Middle East Journal of Scientific Research*. 16 (4): 514-518. ISSN 1990-9233.
 9. Balachandar. B., Paramasivam, S., and A. Arulkumar. 2013. Evaluation of antioxidant activity of *Clitoria ternatea* and *Alternanthera sessilis* plant extracts using model system for yeast cells. *African Journal of Basic and Applied Sciences*. 5 (3); 134-138. ISSN 2079-2034.