



## Personal Details

Name	:	<b>DR SUJA NAGAMPOOZHI</b>
Department	:	Zoology (Discipline : Aquaculture)
Designation	:	Assistant Professor
Educational Qualification	:	M.F.Sc, Ph.D, NET, PDF
Area of Specialisation	:	Reproductive Physiology and Endocrinology
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## Academic Identity

Employee ID	:	686411
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## Research Parameters

Google scholar citations	:	98
H index	:	5
i10 index	:	9

## Education

Sl. No.	Degree	Institution/University	Year
1	B.Sc. Zoology	University of Kerala	1994
2	M.F.Sc Inland Aquaculture	ICAR- Central Institute of Fisheries Education (Mumbai)	1997
3	Ph.D Fish and Fisheries	ICAR- Central Institute of Fisheries	2003

	Science	Education (Mumbai)	
4	NET Fish and Fisheries Science	ICAR	1998
5	Post Doctoral Research	The Department of Science and Technology, Govt of India	2011

### Career Profile

Sl. No.	Institution/Organization	Designation	Period
1	St. Aloysius College (Mahatma Gandhi University, Kottayam, Kerala), Edathua, Alleppey District, Kerala, India	Assistant Professor in Aquaculture	2011 onwards
2	Department of Science and Technology (DST), Govt. Of India	Women Scientist and Principal Investigator	2008-2011
3	Sacred Heart College (Mahatma Gandhi University, Kottayam, Kerala), Cochin, Kerala, India	Post graduate Lecturer	2007-2008
4	College of Fisheries, Junagadh Agricultural University, Veraval, Gujarat, India	Lecturer	2003-2006

### Positions Held or Holding, if any

Sl. No.	Position	Period
1	Chairperson of theory and practical examinations, MGU-UGP Honours programme in Aquaculture	2025 onwards
2	Expert Committee Member, B Voc Honours, Mahatma Gandhi University, Kerala	2025 onwards
3	Convenor, UG and PG Board of Studies and Expert Committee in Aquaculture, Mahatma Gandhi University, Kerala	2025 onwards
4	Subject expert (Aquaculture) in question bank setting of UG Program (Honours) of Mahatma Gandhi University, Kerala	2024 onwards

5	Expert Committee Member, UG and PG Board of studies in Aquaculture, Mahatma Gandhi University, Kerala	2018 onwards
6	Internal Mentor, Walk With a Scholar programme: an initiative by Department of Higher Education, Govt. of Kerala	2014-2017
7	Member, Pass board and Additional Examiner of post graduate course in Aquaculture and Fish Processing, MG University, Kottayam, Kerala, India	2015
8	Member, Staff Council, St. Aloysius College, Edathua, Alappuzha	2011-2018
9	Head of the Department of Zoology, St. Aloysius College, Edathua, Alappuzha	2011-2018
10	Co-ordinator, Nature and Energy Club	2011-2018
11	Member, Internal Quality Assurance Cell (IQAC)	2011-2018
12	Member, Executive Committee, Parent Teachers Association	2011-2016
13	Vice President, Staff Association, St. Aloysius College, Edathua	2015-2017
14	Subject expert, Selection Committee on Fisheries and Natural Sciences, Kerala Public Services Commission	2015
15	Question paper setter and interviewer on Aquaculture and Fisheries Sciences, Kerala Public Services Commission	2014 onwards
16	Question paper setter and external evaluator, Kerala University of Fisheries and Ocean Studies (KUFOS)	2017 onwards
17	Question paper setter, University of Kerala	2020 onwards
18	External Evaluator of UG and PG dissertations, Kerala University of Fisheries and Ocean Studies (KUFOS)	2017 onwards
19	Reviewer of various national and international journals	2011 onwards

### Research Publications

Sl. No.	Publication Details
1	Suja Nagampoozhi, Akash C and Athul Krishna K.M (2025). Length-weight relationship and condition factor of <i>Puntius amphibius</i> and <i>Labeo dussumieri</i> from Pamba River, Kerala, India. International Journal of Fisheries and Aquatic Studies, 13(6): 122-125.
2	Suja Nagampoozhi (2025). Studies on the Length - Weight relationship and condition factor of <i>Labeo rohita</i> and <i>Labeo fimbriatus</i> from Pamba River, Kerala, India.

	International Journal of Environmental Science Archives, IV (2): 514-520.
3	Suja Nagampoozhi (2025). Seasonal Variations in Biochemical Composition of Short Neck Clam <i>Paphia malabarica</i> from Ashtamudi Lake, Kerala, India. International Journal of Environmental Science Archives, IV (1): 240-246.
4	Suja Nagampoozhi (2024). Application of GIS in Evaluating Suitable Clam Farming Site in Vembanad Lake, India. Uttarpradesh Journal of Zoology, 45 (11): 119-128.
5	Suja Nagampoozhi (2023). Effects of water quality parameters on the abundance of short neck clam in Ashtamudi Lake, India. In: <i>Proceedings of the International conference on environmental pollution and health : Governance for a sustainable future (ICEGSF 2023) organized by The Department of Environmental Sciences, University of Kerala, Thiruvananthapuram, Kerala, India.</i> p. 67-69. ISBN - 978-93-5996-849-0.
6	Suja Nagampoozhi (2023). Influence of environmental variables on the abundance of black clam <i>Villorita cyprinoides</i> in Vembanad Lake, India. <i>Indian Hydrobiology</i> , 22(1): 177–186.
7	Suja Nagampoozhi (2020). COVID -19 pandemic: India rebuilds sustainable blue economy. <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 9 (5): 325-331.
8	Suja Nagampoozhi (2019). Effects of salinity and water quality parameters on the breeding and larval rearing of black molly <i>Poecilia sphenops</i> . In: <i>Proceedings of the 31<sup>st</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram</i> . Special Theme: “Our Environment, Our Future: Science and Technology for Rebuilding Kerala”. p. 147. ISBN NO : 81 - 86366 - 97 - 0.
9	Suja N. and Ruby Mathew (2019). Effect of Indian almond ( <i>Terminalia katappa</i> ) leaves on the growth and breeding performance of Guppy ( <i>Poecilia reticulata</i> ). <i>Millenium Zoology</i> , 15 (1): 47-63.
10	N. Suja (2018). Reproductive biology of the black clam, <i>Villorita cyprinoides</i> from Vembanad Lake, India In: <i>Proceedings of International Conference on Innovation and Sustainable Research in Environment and Life Sciences organized by PG and Research Department of Zoology, Fathima Matha National College, Kollam, Kerala, India.</i> p. 248-264. ISBN: 978-81-89152-06-2.
11	N. Suja (2017). GIS based aquaculture site suitability studies for short neck clam farming in Ashtamudi Lake In: <i>Proceedings of the 29<sup>th</sup> Kerala Science Congress organized by The</i>

	<i>Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram.</i> Special Theme: “Genomics in Health and Diseases”. p. 815.
12	N. Suja (2015). <i>Science of fisheries-towards the public, Project Report of Science popularisation programme submitted to Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram.</i> p. 1-43.
13	N. Suja (2014). A case study on sediment and water characteristics of paddy cum shrimp farms of Alappuzha district, Kerala, In: <i>Proceedings of the UGC sponsored National seminar on Trends in Biodiversity organized by the Department of Zoology, St. Teresas College, Ernakulam, India</i> , p. 139-147.
14	N. Suja (2014). Effect of probiotic bacterium supplemented feed on survival and growth of fry of two ornamental fishes, In: <i>Proceedings of the 26<sup>th</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram.</i> Special Theme: “Traditional Knowledge”. p. 577-582.
15	N. Suja and K.S. Mohamed (2014). Use of minimum legal size in managing black clam ( <i>Villorita cyprinoides</i> ) fishery in India. <i>International. Journal. of Aquatic Biology</i> , 1(6): 33-40.
16	N. Suja (2013). Enhancement of growth and maturity in gold fish <i>C. auratus</i> by a supplementary feed incorporated with earthworm ( <i>Amynthas sp.</i> ). <i>International Journal of Basic and Applied Biology</i> , 7(3): 177-179.
17	N. Suja and K.S. Mohamed (2012). Biometric relationships of <i>Villorita cyprinoides</i> (Gray) from Vembanad Lake, Kerala, India. <i>Asian Fisheries Science</i> , 25: 29-39.
18	N. Suja and K.S. Mohamed (2012). Socioeconomic trends among Black Clam fishing community of Vembanad Lake, Kerala. <i>Indian Journal of Social Research</i> , 53(4):299-310.
19	N. Suja and K.S. Mohamed (2012). Ecological survey of the black clam <i>Villorita cyprinoides</i> from Vembanad Lake. <i>Journal of Coastal Environment</i> , 2: 179-198.
20	N. Suja and K.S. Mohamed (2012). Role of Co-operative societies in black clam fishery and trade in Vembanad Lake. <i>Marine Fisheries Information Service, Technical and Extension Series</i> , 257: 6-8.
21	N. Suja and P. Muthiah (2010). Variations in gross biochemical composition in relation to the gametogenic cycle of the clam, <i>Marcia opima</i> , from two geographically separated areas of India. <i>Indian Journal of Fisheries</i> , 57(1): 53-59.
22	N. Suja and K.S. Mohamed (2010). The Black Clam, <i>Villorita cyprinoides</i> , Fishery in the State of Kerala, India. <i>Marine Fisheries Review</i> , 72(3):46-59.

23	N. Suja and K.S. Mohamed (2010). A model for responsible Black clam fisheries at R-Block in Vembanad Lake. <i>Marine Fisheries Information Service, Technical and Extension Series</i> , 252: 15-17.
24	Suja, N. and P. Muthiah (2009). Effect of starvation and temperature on gonad development of baby clam, <i>Marcia opima</i> (Gmelin). <i>Journal of Marine Biological association of India</i> , 51 (1): 21-32.
25	Suja, N. and P. Muthiah (2008). Allometric relationships of the clam <i>Marcia opima</i> , collected from two longitudinally separated areas. <i>Indian Journal of Fisheries</i> , 55 (3): 281-283.
26	Suja, N. and P. Muthiah (2007). Effect of salinity on the growth and survival of spats of clam <i>Marcia opima</i> (Gmelin) <i>Journal of Marine Biological association of India</i> , 48(2): 253-256.
27	Suja, N. and P. Muthiah (2007). The reproductive biology of the baby clam, <i>Marcia opima</i> , from two geographically separated areas of India. <i>Aquaculture</i> , 273/4: 700-710.
28	Suja, N. (2007). A study on the metabolism of baby clam <i>Marcia opima</i> . <i>Journal of Marine Biological association of India</i> , 49 (1): 100-102.
29	Suja, N. and P. Muthiah (2006). Parasitic infestation of the clam <i>Marcia opima</i> (Gmelin). <i>Journal of Bombay Natural History Society</i> , 102(3): 361-362.
30	Suja, N. (2005). Observations on clams and their fishery at Tuticorin, southeast coast of India. <i>Fishing Chimes</i> , 25(7): 50-52.
31	P. Muthiah, J.X. Rodrigo and N. Suja (2002). Larval rearing and spat production of <i>Marcia opima</i> (Gmelin). <i>Aquaculture</i> , 211: 303-401.
32	Suja, N. and S. Basu (1998). Development of extruded fish products, In: <i>Proceedings of 'Advances and Priorities in Fisheries technology'</i> (Balachandran, K. K., Iyer, T. S. G., Madhavan, P., Joseph, J., Perigreen, P. A., Raghunath, M. R. and Varghese, M. D., Eds.), Society of Fisheries Technologists of India (SOFTI), Cochin. p: 270-273.
33	Suja Nagampoozhi (2023). Variations in gross biochemical composition in relation to the gametogenic cycle of the black clam, <i>Villorita cyprinoides</i> from Kuttanad backwaters. Book of abstracts, 30 <sup>th</sup> Swadeshi Science Congress, National Conference on Holistic Approach for a Sustainable Lifestyle Perspectives from Indian Knowledge System organized by The Swadeshi Science Movement and National Institute of Technology

	(NIT), Calicut, Kerala, India. pp.120.
34	Suja Nagampoozhi (2023). Fostering skill development among students: A perspective of NEP 2020. Book of Abstracts, ICSSR sponsored National Seminar on National Educational Policy 2020, organized by The Government College for Women (Autonomous), Srikakulam, Andhra Pradesh, India. pp. 32.
35	Suja Nagampoozhi (2022). Influence of environmental variables on the abundance of black clam <i>Villorita cyprinoides</i> in Vembanad Lake, India. Souvenir of International Conference on Analytical and Interdisciplinary Research (ICAIR -2022) organized by The Sangam University, Rajasthan, India in collaboration with Assosa University, Assosa (Ethiopia). pp. 84, ISBN: 978-93-92779-06-0.
36	Suja Nagampoozhi (2019). Effects of salinity and water quality parameters on the breeding and larval rearing of black molly <i>Poecilia sphenops</i> . Proceedings of the 31 <sup>st</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India. Special Theme : Our Environment, Our Future: Science and Technology for Rebuilding Kerala. pp.147.
37	N. Suja (2017). GIS based aquaculture site suitability study for short neck clam farming in Ashtamudi Lake. Book of Abstracts, 29 <sup>th</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India. Special Theme: Genomics in Health and Diseases. pp. 815.
38	N. Suja and K. S. Mohamed (2014). GIS based aquaculture site suitability study for clam farming in Vembanad Lake. Book of abstracts, International symposium on Marine Ecosystem: Opportunities and Challenges organized by The Marine Biological Association of India, Cochin, Kerala, India. pp. 95
39	N. Suja (2014). Effect of probiotic bacterium supplemented feed on survival and growth of fry of two ornamental fishes. Book of Abstracts, 26 <sup>th</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India. Special Theme : Traditional Knowledge. pp. 60.
40	N. Suja (2013). Clam farming in pen enclosures: A technique for culture of black clam <i>Villorita cyprinoides</i> at Vembanad Lake. Book of abstracts, National Seminar on Emerging Trends in Indian Aquaculture (ETIA 2013) organized by The Department of

	Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram, Kerala, India. pp.35.
41	N. Suja (2013). Enhancement of growth and maturity in gold fish <i>C. auratus</i> by a supplementary feed incorporated with earthworm ( <i>Amyntas sp.</i> ). Book of abstracts, International seminar on Advances in Aquaculture Technologies (ISAAT- 2013) organized by The Department of Zoology, All Saints College, Thiruvananthapuram, Kerala, India. pp.177.
42	N. Suja (2012). Ecological survey of short neck clam <i>Paphia malabarica</i> in Ashtamudi Lake, Kerala. Book of abstracts, 22 <sup>nd</sup> Swadeshi Science Congress on Ecosystem services through plantation crops organized by The Swadeshi Science Movement and Central Plantation Crops Research Institute (ICAR - CPCRI), Kasaragod, Kerala, India. pp.61.
43	Suja Nagampoozhi. (2025). Women in Fisheries : Transition from Laborers to Entrepreneurs. <i>Paritraan</i> published by The School of Sustainability, XIM University, Odisha, India. Vol. 2, No.1, August 2025 : 1-3.
44	Suja N. (2020). A fish a day keep your cardiologist away. <i>Mind Your Heart : Heart Health and Nutrition</i> : An e publication in connection with World Heart Day 2020, published by The Department of Family and Community Science, CMS College, Kottayam, Kerala, India. pp.18-19.
45	Suja, N. (2017). Kuttanaattil apporvayinam aama ( <i>In vernacular</i> ). <i>The Mathrubhumi Daily</i> , Alappuzha, Kerala, India. Dated: 18-10-2017.
46	Suja, N. (2012). Vembanattu kayalile karutha kakka uthpadanavum athinte samoothika pashchathalavum ( <i>In vernacular</i> ). <i>Yojana</i> , June 2012: 43-46.
47	Suja, N. (2008). INDIA INTERNATIONAL AQUASHOW- 2008: A world full of colour and enthusiasm. <i>Fishing Chimes</i> , April 2008, pp. 102-110.
48	Suja, N. (2007). India moves up in Surimi production. <i>INFOFISH International</i> , 3/2007 (May/ June): 32-36.
49	Suja, N. and M.K. Ram Mohan (2003). Mangroves – Their importance and conservation. <i>Employment News</i> , XXVII (40): 1-2.
50	Suja, N. and Ram Mohan M.K (2003). Heart of the oyster. In and around Kerala, <i>The Hindu Daily</i> , Kochi. Dated. 05.04.2003.
51	Suja, N., S. Basu and M.K. Ram Mohan (2003). Extruders. <i>Fisheries World</i> , Vol.10 (8):25-28.
52	Suja, N. and Ram Mohan, M. K (2003). Importance, conservation and management of

	mangroves. <i>Nova Science and Technology</i> , 1(1): 16-26.
53	Mohan M.K. and N. Suja (2002). Seafood from Maldives. <i>Seafood Export Journal</i> 33(6): 3-4.

### Books Published

Sl. No.	Book Details
1	Suja Nagampoozhi (2025). Fishery Products, By-Products and Value - Added Products, In: Value Added Products. ISBN: 978-81-976905-1-8, (Ed. S. Ramachandran), Published by The Zoological Society of Kerala, pp : 27-47.
2	Suja Nagampoozhi (2024). Ornamental Fish Farming : Management Aspects, In : Ornamental Fish Farming and Aquarium Management. ISBN: 978-81-976905-1-8, (Eds. S. Louis and Jagannath, V.), Published by The Zoological Society of Kerala, pp : 11-24.
3	Suja Nagampoozhi (2024). Study of two examples each of Indigenous, Exotic Ornamental Fishes of Kerala, In : Ornamental Fish Farming and Aquarium Management. ISBN: 978-81-976905-1-8, (Eds. S. Louis and Jagannath, V.), Published by Zoological Society of Kerala, pp : 25-31.
4	Suja Nagampoozhi (2023). Fostering Skill Development among College Students : A Perspective of NEP 2020, In : Perspectives on National educational Policy 2020. ISBN - 978-93-5813-478-0, (Eds. K. Sriramulu and Mounika, K.), Published by Govt College for Women (Autonomous), Srikakulam, Andhra Pradesh, pp: 82-85.
5	Suja Nagampoozhi (2020). Impacts of Novel Corona virus pandemic on Indian Fisheries : A Review, In : Sustainable Development, Social Problems and Issues during Covid -19, ISBN-978-81-946103-8-0, (Eds. K.T Thomas and Burde, S.K.), Published by Sankalp Publishers, pp. 223-234.
6	N. Suja (2014) A handbook on Clam Farming. Published by The Department of Fisheries, Govt. of Kerala, pp.1-11.
7	N. Suja (2014). Lifestyle for better living, In: For Higher Prospects, A handbook for Walk with a Scholar programme of The Department of Collegiate Education, Govt. of Kerala.

	(Ed. G. Shibu), St. Aloysius College, Edathua. pp: 38-46.
8	N. Suja (2014). An Introduction to Life Science, In: For Higher Prospects, A handbook for Walk with a Scholar programme of The Department of Collegiate Education, Govt. of Kerala. (Ed. G. Shibu), St. Aloysius College, Edathua. pp.: 94-106.

#### **Invited Lectures/Paper Presentations in Conferences**

<b>Sl. No.</b>	<b>Conference &amp; Presentation Details</b>
	<p><b>Invited Lectures</b></p> <ol style="list-style-type: none"> <li>1. Fish Farmers Development Agency, Dept. of Fisheries, Govt. of Kerala, 2014</li> <li>2. Kalpana Chawla Academy of Sciences under Vignan Bharathi and Shakti: A national movement for women for High school and higher secondary students. Presented a talk on “How to Present Scientific Presentations Effectively” in State level seminar at Govt. Higher Secondary School, Tripunithura, Ernakulam, October 2014</li> <li>3. “Awareness on AIDS” in AIDS day programme conducted at St. Aloysius Higher Secondary School, Edathua, Alappuzha in Dec 2014</li> <li>4. “Food and Health” in National Service Scheme camp organized by Pope Pius XI Higher secondary School, Kattanam, Alappuzha in January 2014</li> <li>5. NGO, Ashoka Trustee for Research in Ecology and Environment (ATREE) conducting classes to fishermen of Alappuzha District</li> <li>6. “Ornamental fish culture”, UGC add on course at SB College, Changanassery in the academic year 2016-17</li> <li>7. “Motivating science among school children” in Govt. SDV UP School, Neerkunnam, Alappuzha in February 2017</li> <li>8. NGO Ashoka Trustee for Research in Ecology and Environment (ATREE), conducting classes to students from Norway University in September 2017</li> <li>9. Kalpana Chawla Academy of Sciences under Vignan Bharathi, Shakti and Swadeshi Science Movement in July-August 2018</li> <li>10. Sree Narayana College, Cherthala, in connection with World Wetland Day observation in February 2019</li> <li>11. Sree Narayana Arts and Science College College, Pambanar, Idukki in connection</li> </ol>

with World Forest Day observation in March 2022

12. Sree Narayana College, Cherthala to deliver Dr K.K. Sasidharan memorial commemorative lecture series 1 on 03-03-2023

13. Resource person of Add on course on Aquarium Management and Ornamental Fisheries at St. Berchman's College (Autonomous), Changanassery, Kerala, India for the academic year 2023-24

14. "Fight Back" Motivation talk in connection with World Women's Day 2024 at Hawra International School of Martial Arts, Cherthala on 03-03-2024

15. Delivered a talk on Vembanad Lake ecosystem and Fisheries in the Kuttanad Conclave organized by The Travancore Management Association (AIMA) at The Regional Agricultural Research Station (RARS) Kumarakom on 05-05-2025

16. Delivered a talk on Backwater Aquaculture and Recent Trends in the My Kerala: Exhibition and Marketing Fair organized by the Department of Fisheries, Govt of Kerala at Alappuzha on 11-05-2025

17. Delivered a talk on Vembanad Lake and Recent Trends in Aquaculture organized by The Vaikom Management Association on 30-07-2025

#### **Paper Presentations in Conferences**

1. Presenter, Effect of dietary administration of carrageenan on growth, survival and feed utilization of gold fish *Carassius auratus* in International Conference on Multidisciplinary Research organized by The Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam, Kerala, India, 2024.
2. Presenter, Effects of water quality parameters on the abundance of short neck clam in Ashtamudi Lake, India, in International conference on environmental pollution and health : Governance for a sustainable future (ICEGSF 2023) organized by Department of Environmental Sciences, University of Kerala, Thiruvananthapuram, Kerala, India, 2023.
3. Presenter, Variations in gross biochemical composition in relation to the gametogenic cycle of the black clam, *Villorita cyprinoides* from Kuttanad backwaters in National seminar, 30<sup>th</sup> Swadeshi Science Congress organized by The Swadeshi Science Movement – Kerala in association with ICAR- IISR and KSCSTE – CWRDM at NIT, Calicut, Kerala, India, 2023.

4. Presenter, Fostering skill development among students: A perspective of NEP 2020 in ICSSR Interdisciplinary National Seminar on National Educational Policy 2020 organized by The Government College for Women (Autonomous), Srikakulam, Andhra Pradesh, India, 2023.

5. Presenter, Influence of environmental variables on the abundance of black clam *Villorita cyprinoides* in Vembanad Lake, India in International Conference on Analytical and Interdisciplinary Research (ICAIR 2022) organized by Sangam University, Rajasthan, India in collaboration with Assosa University, Assosa (Ethiopia), 2022.

6. Presenter, E –learning during Covid-19 pandemic : Special reference to Biological sciences in International webinar on Learning Environment for the 21<sup>st</sup> Century: Issues and Challenges organized by Bamanpukur Humayun Kabir Vidyalaya, North 24 Parganas, West Bengal, India, 2020.

7. Presenter, Impacts of Novel Corona Virus Pandemic on Indian Fisheries: A Review in National webinar and e conference on Sustainable Development, Social Problems and Issues during Covid – 19 organized by St. Francis De Sales College, Nagpur, Maharashtra, India, 2020.

8. Presenter, Effects of salinity and water quality parameters on the breeding and larval rearing of black molly *Poecilia sphenops* in 31<sup>st</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Trivandrum. Special Theme: Our Environment, Our Future: Science and Technology for Rebuilding Kerala at Kollam, Kerala, India, 2019.

9. Presenter, Reproductive biology of the black clam, *Villorita cyprinoides* from Vembanad Lake, India in International Conference on Innovation and Sustainable Research in Environment and Life Sciences organized by PG and Research Department of Zoology, Fathima Matha National College, Kollam, Kerala, India, 2018.

10. Presenter, Capacity building in aquaculture in Science Popularization Committee organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, 2017.

11. Presenter, GIS based aquaculture site suitability study on short neck clam farming in Ashtamudi Lake in 29<sup>th</sup> Kerala Science Congress, Organized by The Kerala State

	<p>Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, Special Theme: Genomics: Health and Diseases at Marthoma College, Thiruvalla, Kerala, India, 2017.</p> <p>12. Presenter, Science of Fisheries- Towards the Public in 21<sup>st</sup> Review Committee Meeting of Science Popularization Programme organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, 2015.</p> <p>13. Presenter, Changes in growth, feed conversion efficiency and body composition of <i>Cyprinus carpio</i> reared with compounded diets of different animal materials. 27<sup>th</sup> Kerala Science Congress organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, Special theme: Traditional Industries at Alappuzha, Kerala, India, 2015.</p> <p>14. Presenter, A case study on sediment and water characteristics of paddy cum shrimp farms of Alappuzha district, Kerala in UGC sponsored National seminar on Trends in Biodiversity organized by The Department of Zoology, St. Teresas College, Ernakulam, Kerala, India, 2014.</p> <p>15. Presenter, GIS based aquaculture site suitability study on clam farming in Vembanad Lake in International Symposium on Marine Ecosystem: Challenges and Opportunities organized by The Marine Biological Association of India, Cochin, Kerala, India, 2014. <i>Winner of R. Reghu Prasad memorial award for Best Poster.</i></p> <p>16. Presenter, Effect of diet on growth and reproductive performance of <i>Poecilia reticulata</i> in National seminar on Impact of Climate Change on Fish and Fisheries organized by The Post graduate and Research Department of Zoology, Sree Narayana College, Cherthala, Alappuzha, Kerala, India, 2014.</p> <p>17. Presenter, Science of Fisheries- Towards the Public in 20<sup>th</sup> Review Committee Meeting of Science Popularization Programme organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, 2014.</p> <p>18. Presenter, Effect of probiotic bacterium supplemented feed on survival and growth of fry of two ornamental fishes in 26<sup>th</sup> Kerala Science Congress, Special Theme: Traditional Knowledge, Organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, 2014.</p>
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19. Presenter, Clam farming in pen enclosures: A technique for culture of black clam *Villorita cyprinoides* at Vembanad Lake, in National Seminar on Emerging Trends in Indian Aquaculture (ETIA 2013), organized by The Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram, Kerala, India, 2013.

20. Presenter, Enhancement of growth and maturity in gold fish *C. auratus* by a supplementary feed incorporated with earthworm (*Amyntas sp.*), in International seminar on Advances in Aquaculture Technologies (ISAAT- 2013), organized by The Department of Zoology, All Saints College, Thiruvananthapuram, Kerala, India, 2013.

21. Presenter, Assessment of heavy metal pollution of black clam *Villorita cyprinoides* from Kuttanad backwaters in International Conference on Research Methodology and Scientific Writing (ICRMSW), Jointly organized by The Confederation of Epidemiological Association and Mahatma Gandhi University, Kottayam, Kerala, India, 2013.

22. Presenter, Ecological survey of short neck clam *Paphia malabarica* in Ashtamudi Lake, Kerala, in 22<sup>nd</sup> Swadeshi Science Congress organized by The Kerala Swadeshi Science Movement and Central Plantation Crops Research Institute (ICAR CPCRI), Kasaragod, Kerala, India, 2012.

23. Presenter, Science of Fisheries- Towards the Public in 19<sup>th</sup> Review Committee Meeting of Science Popularization Programme organized by The Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram, Kerala, India, 2012.

24. Presenter, Reducing economic loss due to juvenile black clam fishing in Vembanad Lake, Kerala by fixing a minimum legal size in Asia Pacific Aquaculture International Conference organized by The World Aquaculture Society (WAS) and College of Fisheries (CoF), Kerala Agricultural University (KAU), Cochin, Kerala, India, 2011.

25. Presenter, Development of extruded fish products. National seminar on Advances and Priorities in Fisheries technology: Organized by The Society of Fisheries Technologists (India), Cochin at Central Institute of Fisheries Technology, Cochin, Kerala, India, 1998.

## Seminar/Workshops Organized

Sl. No.	Title of the Seminar/Workshop	Funding Agency	Amount	Year
1	Urjakiran: Energy conservation awareness programme at Panchayath Community Hall, Edathua in association with SHAKTI (Vignan Bharati), Kerala and Swadeshi Science Movement	Energy Management Centre, Kerala in collaboration with ANERT and Centre for Environment and Development in association with SHAKTI (Vignan Bharati), Kerala and Swadeshi Science Movement		2018
2	‘Paaristhithikam 2017’- State environment awareness campaign on focal theme ‘sustainable management of coastal zones and livelihood improvement’	The Department of Environment and Climate Change (DoECC)		2017
3	“Wetlands for disaster risk reduction” in connection with the World wetland Day	KSCSTE		2017
4	“30 years of Healing the Ozone Together” in connection with World Ozone Day	KSCSTE		2015
5	“Science for Nation Building” in connection with National Science Day	KSCSTE		2015
6	“Wetlands for our Future” in connection	KSCSTE		2015

	with World Wetland Day			
7	“Fostering Scientific Temper” in connection with National Science Day	KSCSTE		2014
8	“Genetically Modified Organisms and Food Security – Issues and Prospects” in connection with National Science Day	KSCSTE		2013
9	“Technological advances in transforming women’s lives” – Series II ( <i>Energy Conservation and Waste Management in Domestic Sector</i> )	KSCSTE		2013
10	“Clean energy options and nuclear safety” in connection with the National Science Day	KSCSTE		2012
11	“Technological advances in transforming women’s lives” – Series I ( <i>Fisheries: An ocean of options for women empowerment</i> )	KSCSTE		2012

### Research Projects

Sl. No.	Title of the Project	Funding Agency	Amount	Period
1	‘Capacity Building in Aquaculture’	KSCSTE	2,60,000	2016-17
2	‘Eco biology of black clam <i>Villorita cyprinoides</i> from Kuttanad waters of Alappuzha District, Kerala, India’,	UGC	1,90,000	2013-15
3	‘Science of fisheries: towards the public’	KSCSTE	1,60,000	2014-15
4	‘Development of shallow water grow - out techniques for the Corbiculid clam <i>Villorita cyprinoides</i> (Gray) and for the Venerid clam <i>Paphia malabarica</i> (Chemnitz)’	DST	25,00,000	2008-11

## Awards/Achievements

Sl. No.	Details	Year
1	State Merit Scholarship, Kerala University, Trivandrum, Kerala, India for B. Sc. Degree in Zoology. Gold medal winner for B. Sc. Zoology (University of Kerala), 1994	1991 to 1994
2	Institutional Merit Fellowship, ICAR Central Institute of Fisheries Education, Mumbai -61, India for post graduation in Inland Aquaculture	1994 to 1997
3	Institutional Merit Fellowship, ICAR Central Institute of Fisheries Education, Mumbai -61, India for doctoral research.	1997 to 2002
4	Post doctoral Fellowship, Department of Science and Technology (DST), Government of India, New Delhi.	
5	Best poster award for the poster titled GIS based aquaculture site suitability study on clam farming in Vembanad Lake in International Symposium on Marine Ecosystem: Challenges and Opportunities (MECOS II) organized by The Marine Biological Association of India (MBAI), Cochin, India.	2008 to 2011 2014