FACULTY PROFILE

Personal Details

Name	:	Dr Suja N.
Department	:	Zoology
Designation	:	Asst. Professor in Aquaculture
Educational Qualification	:	M.F.Sc., Ph.D, NET
Area of Specialisation	:	Reproductive Physiology and Endocrinology
Email	:	nsuja_r@yahoo.co.uk
Phone number	:	9947186457

Education

Sl. No.	Degree	Institution/University	Year
1	B.Sc. Zoology	University of Kerala	1994
2	M.F.Sc.	Indian Council of Agricultural Research Central Institute of Fisheries Education (Deemed University), Mumbai	1997
3	Ph.D	Indian Council of Agricultural Research Central Institute of Fisheries Education (Deemed University), Mumbai	2003

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- Till date
2	Department of Science and Technology (Govt. of India)	Women Scientist (WOS -A)	2008-2011
3	Sacred Heart College (Mahatma	Post graduate Lecturer	2007-2008

	Gandhi University, Kottayam, Kerala), Cochin, Kerala, India	in Aquaculture	
4	College of Fisheries, Junagadh Agricultural University, Veraval, Gujarat, India	Visiting Teacher	2003-2006

Positions Held or Holding, if any

Sl. No.	Position	Period
1	Head of the Department of Zoology, St Aloysius College, Edathua, Alappuzha	2011- 2018

Research Publications

Sl. No.	Publication Details
1	Suja, N. and S. Basu (1998). Development of extruded fish products, In: *Proceedings of `Advances and Priorities in Fisheries technology*' (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 (India), Cochin. p: 270-273
2	P. Muthiah, J.X. Rodrigo and N. Suja (2002). Larval rearing and spat production of *Marcia opima* (Gmelin). *Aquaculture,* 211: 303-401
3	Suja, N (2005). Observations on clams and their fishery at Tuticorin, southeast coast of India. *Fishing Chimes*, 25(7): 50-52.
4	Suja, N. and P. Muthiah (2006). Parasitic infestation of the clam *Marcia opima* (Gmelin). *Journal of Bombay Natural History Society*, 102(3): 361-362.
5	Suja, N. (2007). A study on the metabolism of baby clam *Marcia opima. Journal of Marine Biological association of India,* 49 (1): 100-102.
6	Suja, N. and P. Muthiah (2007). The reproductive biology of the baby clam, *Marcia opima,* from two geographically separated areas of India. *Aquaculture,* 273/4: 700-710.
7	Suja, N. and P. Muthiah (2007). Effect of salinity on the growth and survival of spats of

	clam *Marcia opima* (Gmelin). *Journal of Marine Biological association of India,* 48(2): 253-256.
8	Suja, N. and P. Muthiah (2008). Allometric relationships of the clam *Marcia opima*, collected from two longitudinally separated areas. *Indian Journal of Fisheries*, 55 (3): 281-283.
9	Suja, N. and P. Muthiah (2009). Effect of starvation and temperature on gonad development of baby clam, *Marcia opima* (Gmelin). *Journal of Marine Biological association of India*, 51 (1): 21-25.
10	N. Suja and K.S. Mohamed (2010). A model for responsible Black clam fisheries at R-Block in Vembanad Lake. *Marine Fisheries Information Service, Technical and Extension Series*, 252: 15-17.
11	N. Suja and K.S. Mohamed (2010). The Black Clam, *Villorita cyprinoides*, Fishery in the State of Kerala, India. *Marine Fisheries Review,* 72(3):46-59.
12	N. Suja and P. Muthiah (2010). Variations in gross biochemical composition in relation to the gametogenic cycle of the clam, *Marcia opima*, from two geographically separated areas of India. *Indian Journal of Fisheries,* 57(1): 53-59.
13	N. Suja and K.S. Mohamed (2012). Role of Co-operative societies in black clam fishery and trade in Vembanad Lake. *Marine Fisheries Information Service, Technical and Extension Series,* 257: 6-8.
14	N. Suja and K.S. Mohamed (2012). Ecological survey of the black clam *Villorita cyprinoides* from Vembanad Lake. *Journal of Coastal Environment*, 2: 179-198.
15	N. Suja and K.S. Mohamed (2012). Socioeconomic trends among Black Clam fishing community of Vembanad Lake, Kerala. *Indian Journal of Social Res*earch, 53(4):299-310.
16	N. Suja and K.S. Mohamed (2012). Biometric relationships of *Villorita cyprinoides* (Gray) from Vembanad Lake, Kerala, India. *Asian Fisheries Sci*ence, 25: 29-39.
17	N. Suja and K.S. Mohamed (2014). Use of minimum legal size in managing black clam (*Villorita cyprinoides*) fishery in India. *International. Journal. of Aquatic Biology,* 1(6): 33-40.
18	Suja Nagampoozhi (2024). Application of GIS in Evaluating Suitable Clam Farming Site in Vembanad Lake, India. Uttarpradesh Journal of Zoology, 45 (11): 119-128.

Books Published

Sl. No.	Book Details

Invited Lectures/Paper Presentations in Conferences

Sl. No.	Conference & Presentation Details
1	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.
2	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.
3	GIS based aquaculture site suitability study for short neck clam farming in Ashtamudi Lake. 29th 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", 2017.
4	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. Winner of R. Reghu Prasad memorial award for Best Poster.
5	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.
6	Clam farming in pen enclosures: A technique for culture of black clam *Villorita*

	cyprinoides at Vembanad Lake. 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.
7	Ecological survey of short neck clam *Paphia malabarica* in Ashtamudi Lake, Kerala, in 22nd Swadeshi Science Congress organized by The Kerala Swadeshi Science Movement and Central Plantation Crops Research Institute (ICAR), Kasaragod, Kerala, India, 2012.
8	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 and College of Fisheries, Kerala Agricultural University, Cochin, Kerala, India, 2011.
9	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**	**Date**

Research Projects

Sl. No.	Title of the Project	Funding Agency	Amount	Period
1	Development of shallow water grow - out techniques for the Corbiculid clam *Villorita cyprinoides* (Gray) and for the Venerid clam *Paphia malabarica* (Chemnitz)	The Department of Science and Technology (DST), Govt. of India	17 Lakhs	2008
2	Eco biology of black clam *Villorita*	UGC	1.2 Lakhs	2012

	cyprinoides from *Kuttanad* waters of Alappuzha District, Kerala, India', in a part of the wetland ecosystem designated as a Ramsar site			

Awards/Achievements

Sl. No.	Details	Year
1	II Rank for B.Sc. Zoology, University of Kerala	1994
2	State Merit Scholarship, Kerala University, Trivandrum, Kerala, India for B. Sc. Degree in Zoology	1991-94
3	Institutional Fellowship (ICAR), Central Institute of Fisheries Education (ICAR), Mumbai -61, India for post graduation in Inland Aquaculture	1994 - 1997
4	Institutional Fellowship (ICAR), Central Institute of Fisheries Education (ICAR), Mumbai -61, India for doctoral research	1997 - 2001
5	KSCSTE fund for extension project, Science Popularisation Programme: Science of Fisheries towards the Public"	2013
6	KSCSTE fund for extension project, Science Popularisation Programme: Capacity Building in Aquaculture"	2017
7	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	2014

****