Curriculum Vitae



Dr.S.Athithan, M.F.Sc., ARS., Ph.D
Professor & Head,
Department of Aquaculture
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Date of Birth: 16.06.1966

Academic / Professional Qualifications

S.No.	Institution / University	Year of Completion	Degree	Class / Rank
i)	Fisheries College and Research Institute, Thoothukudi (TNAU, Coimbatore)	1987	B.F.Sc. (Bachelor of Fisheries Science)	First
ii)	Fisheries College and Research Institute, Thoothukudi (TANUVAS, Chennai)	1990	M.F.Sc. (Master of Fisheries Science)	First
M.F.Sc. Dissertation Title Studies on food value and nutritive elements of decomposed mangrove leaves				
iii)	Agricultural Scientist Recruitment Board, ICAR, New Delhi	1994	Certificate	26
iv)	Fisheries College and Research Institute, Thoothukudi (TANUVAS, Chennai)	2004	Ph.D. (Aquaculture)	First
Ph.D. Dissertation Title Studies on Biotransformation of nutritive elements in integrated fish / pig farming system				

Work Experiences
(Name of Organization / Department & Position Held / Period of Service)
Teaching / Research / Extension / Administration

Experience in	Post Held	Place of work	Period		Duration		
			From	To	Y	M	D
TEACHING / RESEARCH / EXTENSION							
1	Assistant Professor (Stage 1)	Dept. of Fisheries Farm Management Fisheries College & Research Institute Thoothukudi – 628 008, Tamil Nadu, South India Veterinary University Training & Research Centre, Erode, Tamil Nadu, South India	31.07.1996	30.07.2002	06	-	-
2	Assistant Professor (Stage 2)	Dept. of Fisheries Farm Management Fisheries College & Research Institute Thoothukudi – 628 008, Tamil Nadu, South India Dept. of Aquaculture Fisheries College & Research Institute Thoothukudi – 628 008 Tamil Nadu, South India	31.07.2002	30.07.2006	04	-	-
3	Assistant Professor (Stage 3)	Dept. of Aquaculture Fisheries College & Research Institute Thoothukudi – 628 008, Tamil Nadu, South India Krishi Vigyan Kendra Veterinary College & Research Institute Campus, Namakkal – 637 002, Tamil Nadu, South India	31.07.2006	30.07.2009	03	-	-
4	Associate Professor (CA)	Krishi Vigyan Kendra Veterinary College & Research Institute Campus, Namakkal – 637 002, Tamil Nadu, South India Maritech Research Centre, Tharuvaikulam – 628 105 Maritech Research & Extension Centre, Tharuvaikulam – 628 105 Department of Coastal Aquaculture Tharuvaikulam – 628 105, Tamil Nadu, South India	31.07.2009	30.07.2012	03	-	-

5	Professor (CA)	Department of Coastal Aquaculture Tharuvaikulam – 628 105, Tamil Nadu, South India Dept. of Aquaculture Fisheries College & Research Institute Thoothukudi – 628 008, Tamil Nadu, South India Department of Fish Nutrition & Feed Technology, Fisheries College & Research Institute, Thoothukudi – 628 008, Tamil Nadu, South India Mandapam Centre for Sustainable Aquaculture, Seeniappa Dhargha - 623 519, Tamil Nadu, South India Dept. of Aquaculture, Dr. MGR Fisheries College & Research Institute, Oradiyambulam, Thalainayeru - 614 712, Nagapattinam District, Tamil Nadu, South India Dept. of Aquaculture Fisheries College & Research Institute Thoothukudi – 628 008, Tamil Nadu, South India	31.07.2012	30.04.2025	12	09	--
ADMINISTRATION							
1	Associate Professor (CA) & Head	MRC / MREC / DCAQ, THARUVAIKULAM FN&FT, DAQ, FC&RI THOOTHUKUDI / MCeSA (DSA), Mandapam					
2	Professor (CA) & Head	DAQ, Dr.MGR FC&RI, TNR DAQ, FC&RI THOOTHUKUDI	26.03.2010	30.04.2025	15	--	06

ADDITIONAL POSITIONS HELD

- Working as Farm Manager from 31.07.1996 to 08.01.2008, in FC&RI
- Served as Library Coordinator from 17.08.98 to 24.07.98, in FC&RI
- Served as Students Counsellor (2000-01 UG batch) from 2000 to 2004, in FC&RI
- Co-Editor in KVK Newsletter, (TANUVAS KVK)
- Co-Editor in Meen Vala Kathir Tamil Magazine, (TANUVAS)
- Served as Member in Board of Studies (Fisheries) in TNFU
- Served as Academic Council Member in TNJFU
- Served as Member under nominated Professor Category in EEC Meetings in TNJFU
- Served as Head of the Department in FC&RI, TNFU, Thoothukudi
- Served as Sports Secretary in FC&RI, TNFU
- Served as Vice-President, Students' Association, FC&RI, Thoothukudi
- Serving as Students' Coordinator (2022 - 2023 UG Batch), FC&RI, Thoothukudi

List of Major Awards & Honors

1	Received Best Participant for the winter school on complementary role of live stock and fisheries in sustainable hill farming held at ICAR Research Complex for NEH region, Meghalaya from 09.08.2006 to 29.08.2006
2	Received I prize award in 21st Tamil Science Congress held at Coimbatore between 09.02.2013and 10.02.2013
3	Distinguished Scientist Award in the field of Fish Nutrition by Venus International Foundation, Chennai, Tamil Nadu on 03.12.2016
4	Best Professor Award in the field of Coastal Aquaculture by Pearl Foundation, Madurai, Tamil Nadu on 10.12.2016
5	Best Researcher Award by Education Expo TV's (Research Wing for Excellence in Professional Education & Industry) New Delhi on 12.02.2017
6	Best Innovative Extension Worker Award (2017) By Society for Advancement of Agricultural Innovations (SAAI), Innovative Farming Journal, Khowai- 799201, Tripura on 12.01.2018.
7	Outstanding Teacher Award (2020) SOCIETY FOR BIOTIC AND ENVIRONMENTAL RESEARCH (SBER) Khowai, Tripura - 799201, INDIA, On 15.10.2020
8	Incredible Academician of world (2023) Record Owner (The Name of World Records) on 10.07.2023
9	International Distinguished Teacher Award 2023

TEXT BOOKS PUBLISHED (12)

Sl No	Title	Year	First Author	Co-Author	Publisher
1	Tropical Freshwater Ornamental Fish Culture	2000	N.Ramanathan	T.Francis S.Athithan Cheryl H F	TANUVAS
2	Fish Nutrition and Feed Technology	2004	N.Felix	B.Ahilan S.Athithan	ICAR / TANUVAS
3	Inland Shrimp Farming	2006	S.Athithan	G.Sanjeeviraj	ICAR / TANUVAS
4	Composite Fish Culture Technologies	2010	S.Athithan	B.Mohan G.Thulasi	ICAR / TANUVAS
5	Fish Nutrition and Feed Technology	2012	S.Athithan	N.Felix M.Venkatasamy	Daya Publishing House New Delhi
6	Practical Book on Fish Nutrition and Feed Technology (2014)	2014	S.Athithan	--	Narendra Publishing House New Delhi

7	Mariculture Technologies	2016	S.Athithan	--	TNFU / ICAR
8	Culture of Fish Food Organisms	2017	S.Athithan	B.Ahilan G.Sugumar	ICAR /T NFU
9	Practical Manual on Fish Nutrition and Feed Technology	2017	S.Athithan B.Ahilan G.Sugumar	B.Ahilan G.Sugumar	ICAR / TNFU
10	Text Book on Coastal Aquaculture & Mariculture ISBN Number: 978-93-88668-95-8	2019	S.Athithan	--	Narendra Publication House, New Delhi
11	Proceeding Book on Aquaculture (Tamil) 142 p ISBN Number: 978-81-939264-3-8 National Conference on Agricultural Scientific Tamil	2019	Felix, S (2019)	Uma, A Rani, V Agnes Dani Angela,S Athithan, S	Agricultural Tamil Science Society New Delhi
12	Text Book on Fish Food Organisms / 158 p ISBN Number: 978-93-89605-29-7	(2020)	Athithan, S	--	Narendra Publication House, New Delhi

Professional Memberships

Sl. No	Name of the Professional Bodies
Past (03)	
1	Membership in Network of Tropical Aquaculture Scientist NAGA (The ICLARM Quarterly) ISSN Number 0116 – 290 X
2	Membership in Journal of Inland Society of India
3	Member in Aquacult (Nature Conservators), Muzaffar Nagar, India
Present (04)	
1	Life Membership in Meen Vala Sudar (A fisheries popular Tamil magazine in TNJFU)
2	Life Membership in Tamil Nadu Journal of Veterinary and Animal Science
3	Life Member in Society for Advancement of Agricultural Innovations (SAAI), Innovative Farming Journal, Khowai, Tripura.
4	Life Member in Tamil Science Congress Society, Coimbatore

GUIDING / GUIDED GRADUATE STUDENTS (M.F.Sc / Ph.D)

_Guided As Chairman	PG: 10 / PhD 02
Guided As Member	PG: 20

Research / Other Projects Undertaken
Completed: 08

Sl. No	Title	Sponsoring Agency
1	Environment friendly limited water exchange shrimp culture by biofloc technology (Rs. 5.83 Lakhs) (As Co-Principal Investigator)	TN Part II scheme
2	NADP Scheme on Generating Alternative Livelihood options for the coastal community towards fisheries diversity in Tamil Nadu (Rs. 41.80 Lakhs) (As Co-Principal Investigator)	NADP Scheme

3	NADP Scheme Establishment of Fish feed quality testing laboratory for the benefit of fish farmers of Tamil Nadu. (Rs. 101 lakhs)" (As Co-Principal Investigator)	NADP Scheme
4	Establishment of recirculatory aquaculture systems at Maritech Research & Extension Centre, Tharuvaikulam (Rs. 20.67 Lakhs) (As Principal Investigator)	TN Part II scheme
5	Revolving fund scheme Setting up of cage culture unit for Lobster Fattening in the open sea under Institution - Progressive farmer tie up method (Rs. 6.35 Lakhs) from 30.07.2013 to 23.06.2017 / (As Principal Investigator)	TNJFU Revolving fund scheme
6	Evonik scheme of student research project Evaluation of AQUAVI Met-Met Supplements on the Growth Performance of Pacific white shrimp, *Litopenaeus vannamei* (Boone, 1931) (Rs. 1.80 Lakhs) / (As Principal Investigator)	EVONIK, Singapore
7	Institute – Industry Collaborative Project Testing of a floating solar platform deployed off the coast of Tharuvaikulam to generate solar energy and freshwater for the benefit of the coastal communities (Rs. 5.336 Lakhs) from 22.03.2018 to till this date (As Principal Investigator)	Sea6 Energy Bangalore
8	Integrated fish farm model complex at Fisheries College & Research Institute, Thoothukudi for capacity building for inland fish culturists to augment fish production (As Principal Investigator) 2022 to 2024 Rs. 320 Lakhs	NADP Govt. of Tamil Nadu

Success Story Documented (08)
(Documenter 07 / Co- Documenter 01)

Sl No	Title	Year	Documenter	Co- Documenter
1	Success story on rain fed carp farming (Tamil)	2009	S.Athithan	--
2	Success story on integrated fish / pig farming (Tamil)	2009	S.Athithan	--
3	Success story on carp farming in open waters (Tamil)	2010	S.Athithan	--
4	Fish pickle preparation (Tamil)	2010	S.Athithan	--
5	Success story on lobster fattening, seaweed farming, crab fattening, freshwater ornamental fish culture, spirulina culture (NADP scheme)	2012	N.Jeyakumar	D.Manikandavelu S.David Kingston K.Ravanesswaran S.Athithan V.Senthilkumar
6	Mud Crab Fattening		S.Athithan	--
7	Lobster Fattening		S.Athithan	--
8	Seaweed Farming		S.Athithan	--

Special Additional Assignments Undertaken

Sl.No	Additional Work Load	Period of Service
1	Farm Manager	31.07.1996 to 07.01.2008
2	Library Co-Ordinator	01.08.1998 to 31.07.1999
3	Intensive Training Programme In Charge	25.02.1999 to 06.03.1999
4	Students Councellor (2000 – 2001 UG Batch)	2000 to 2004
5	Intensive Training Programme In Charge	16.02.2001 to 22.02.2001
6	Tour Leader (2002 – 2003 UG Batch)	13.02.2006 to 07.03.2006
7	Tour Leader (2003 – 2004 UG Batch)	20.02.2007 to 14.03.2007
8	Additional Charge Duty at CSBB, Kanyakumari	January, 2016 to March, 2016
9	Sports Secretary in FC&RI, Thoothukudi	03.07.2014 to 14.09.2016
10	Vice-President, Students Association	01.09.2017 to 26.12.2018
11	Students Coordinator	01.09.2017 - 26.12.2018

12	ELP In-Charge (2011 – 12 Batch)	02.09.2014 to 23.01.2015
13	ELP In-Charge (2012 – 13 Batch)	21.08.2015 to 09.01.2016
14	ELP In-Charge (2013 – 14 Batch)	02.09.2016 to 25.01.2017
15	Coordinator for FC&RI Campus Cleaning	2022 to 2023
16	Chairman for price fixation committee for farm produce of DAQ, FC&RI Thoothukudi.	Every Year
17	Member in Ragging Prevention Committee	Every Year UG new admission
18	Chairman in Anti Drug Committee of FC&RI, Thoothukudi	2023 to 2025
19	Member in TNJFU UG Admission Committee	2023 – 2024 & 2024 – 2025 UG
20	Students Volunteer Committee / Students Robing & Disrobing Committee For VVIPs & Students	VIII & IX TNJFU Convocation
21	External Examiner Midalam FC&RI	2024 / 2025
22	ASRR Updation Works As Chairman	2025
23	Served as Mentor for UG students	2020 - 2021 / 2021 - 2022 / 2023 – 2024 Batches
24	As Question Paper Setter & Chairperson	Pondicherry University 2022 / 2023 / 2024 / 2025
25	Confidential Works	ASRB New Delhi

CONTRIBUTION IN RESEARCH AND EXTENSION EDUCATION

- Polyculture of tiger shrimp and carps in hardwater seasonal ponds
- Monoculture of tiger shrimp in hardwater seasonal ponds
- Acclimation studies for *P.monodon* seeds to freshwater condition
- Cattle urine as exclusive source nutrients in carp production
- Biotransformation of nutritive elements in integrated fish / pig farming system
- Growth assessment of spiny lobster, *Panulirus homoras* under open sea culture in FRP floating cages.
- Growth assessment of spiny lobster, *Panulirus homoras* under open sea culture in Iron Frame Cages.
- Bio-growth performance of tilapia *Tilapia mossambicus* under freshwater & seawater
- Growth Assessment of Tilapia using natural growth enhancer
- Pilot study of zero water exchange biofloc based Tilapia culture with different types of carbon source
- Environment friendly limited water exchange shrimp culture by Biofloc technology
- Growth performance of a seaweed, *Kappaphycus alvarezii* under lined pond condition
- Coconut coir more effective in enhancing periphyton biomass and quantity
- Methionine supplements (0.2 % inclusion level) exhibited higher growth in pacific white shrimp
- *L.vannamei* culture is successful in earthen lined pond environment. Further, ELP final B.F.Sc students (2011 – 12 Batch) were experientially gained information on *L.vannamei* shrimp farming by adopting best management practices.
- Field level comparative trial study by adopting periphyton based farming system indicated that higher growth was observed in periphyton based pond (33 g)compared to control (27 g) in 108 DOC. Further, feed was reduced by 7 % compared to control pond for pond size of 0.5 ha

CURRENT AREAS OF INTEREST

- Fish Nutrition and Quality control of aqua feeds
- Seaweed farming
- Recirculatory Aquaculture Systems (RAS)
- Lobster & crab fattening
- Integrated Fish Farming
- Acclimation studies of euryhaline marine fin and shellfishes