Individual Biodata



Name :T.L.S. Samuel Moses

Designation :Assistant Professor

Address :Department of Fisheries Science
College of Fisheries Engineering
Nagapattinam

Contact
Telephone (O) :04365256501
Telephone (R) :
Mobile :9660751014
Email :samuelmoses@tnfu.ac.in

Qualification :M.F.Sc (Aquaculture)

Field of Specialization :

Major :Aquaculture

Specializing field :Recirculating Aquaculture Technology

Experience (in years) :9 years 3 months

Completed projects : (Please provide max 5)

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs lakhs)	Funding Agency
1	Induced Breeding and Artificial Propagation of Pangas, *Pangasianodon hypophthalmus* (Sauvage, 1878)	2016-17	PI	0.5	TNJFU
2	Farmed Pearl Spot (*Etroplus suratensis*) Production as an Alternative Livelihood to Promote Brackish Water Aquaculture Entrepreneurship for Fishers of Pulicat Lake	2016-18	Co-PI	211.00	NADP
3	Establishment of Re-circulatory Seabass Aquaculture Technology Park	2018-21	Co-PI	350.00	NADP

	cost budgeting				
4	Establishment of demonstration unit of Azolla as feed supplement to GIFT tilapia at Advanced Research Farm Facility, Madhavaram.	2018-20	PI	3.017	NFDB
5	Hands on training cum demonstration on limited water usage aquaculture Technologies	2020-21	Co-PI	187.40	NADP

Research publications (max – 10) :
(You may provide your recent 10 best publications in bibliography format)

S.No	
1.	Ezhilarasi, V., Felix, S., Samuel Moses, T.L.S. 2018. Comparative evaluation of different hormones on the reproductive performance of Etroplus suratensis.Journal of Entomology and Zoology Studies, 6(2): 322-325.
2.	Ruby P, Ahilan B, Felix S and Samuel Moses T.L.S.2018. Effect of photoperiod on pearl spot (Etroplus suratensis) seed production under hatchery conditions. Journal of Entomology and Zoology Studies, 6(6): 1120-1124
3.	Mahadevi, S. Felix, B. Ahilan, C.B.T. Rajagopalasamy, T.L.S. Samuel Moses.2020. Induced Breeding and Developmental Biology of Endemic Western Ghats Fish Dawkinsia filamentosa (Valenciennes, 1844) under Captive Conditions. Indian Journal of Animal Research, Volume 54 Issue 9: 1069-1077 (September 2020)
4.	Rumisha Benedicto Christopher, Ahilan, B., Cheryl Antony & Samuel Moses.2020. Sunflower meal as an alternative protein source to replace soybean meal in the diet of GIFT strain of Nile tilapia Oreochromis niloticus. Indian Journal of Fisheries,67:82-88
5.	Ezhilarasi, V., Felix, S., Samuel Moses, T.L.S. & Selvaraj, S.2020. A study on growth, feed efficiency and hematological changes in Pearlspot, Etroplus suratensis (Bloch, 1790) in response to varied salinities in raceway-based culture system. Indian Journal of Geo Marine Sciences,49:1571-1579
6.	S. Selvaraj, P. Chidambaram , V. Ezhilarasi , P. Pavin Kumar , T. L. S. Samuel Moses , Cheryl Antony and B. Ahilan.2021.A Review on the Reproductive Dysfunction in Farmed Finfish Annual Research & Review in Biology 36(10): 65-81
7.	Ruby, P., Ahilan, B., Cheryl Antony, Manikandavelu, D. and Samuel Moses, T.L.S.2022. Effect of Dietary Lysine and Methionine Supplementation on the Growth and Physiological Responses of Pearlspot Fingerlings, *Etroplus suratensis*. Indian Journal of Animal Research, 56(8): 945-958
8.	Ruby, P., Ahilan, B., Cheryl Antony, Manikandavelu, D., Selvaraj, S. and Samuel Moses, T.L.S.2022.Evaluation of Effect of the Different Stocking Densities on Growth Performance, Survival, Water Quality and Body Indices of Pearlspot (Etroplus suratensis) Fingerlings in Biofloc Technology, Indian Journal of Animal Research, 56(8): 1034-1040

9.	Nethaji,MAhilan,B., Kathirvelpandiyan, A., Felix, N., Uma, A., Samuel Moses, T. L. S and Somu Sunder Lingam, R.2022. Biofoc meal incorporated diet improves the growth and physiological responses of Penaeus vannamei. Aquaculture International, 30:2705–2724
10.	Ruby, P. Ahilan, B. Cheryl Antony, Manikandavelu, D. Samuel Moses, T.L.S. and Selvaraj, S.2022.Effect of Dietary Supplementation of Astaxanthin and Beta-Carotene on Colouration, Growth and Survival in Pearlspot (Etroplus Suratensis) Fingerlings Under Controlled Conditions. Animal Nutrition and Feed Technology, 22(2):419-432

Honours and Awards
(Including patents)
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S.No	Name of Award	Awarding Agency	Year
1	Best Teacher Award	Dr.MGR FC & RI, Ponneri	2017
2	Appreciation award for developing technology on “Cage culture of pearl spot”	TNJFU	2018