Biodata



Name	:	Dr. E. SURESH
Designation	:	Assistant Professor & Head
Office address	:	Dept. of Fish Genetics and Breeding Institute of Fisheries Post Graduate Studies, TNJFU OMR Campus, Padur (P.O), Vaniyanchavadi, Chennai – 603 103
Residential address	:	B1 101, Srikaram Shubadhi, Thaiyur road, Kelambakkam – 603 103
Qualification	:	Ph.D. (Fish Genetics)
Contact		
Telephone (O)	:	-
Telephone ®	:	
Mobile	:	8754609349
Field of Specialization	:	Fish Genetics and Breeding
Experience	:	10 Years

Current Projects:

Sl.No	Title of the project	Year	PI & Co-PI of the Project	Funds (in Rs.)	Funding Agency
1.	Establishment of Ornamental Fish Breeding Units for Empowering Scheduled Communities of Tamil Nadu	2025	PI	6.20 lakhs	ICAR – NBFGR under SCSP
2.	Pure line broodstock development for tilapia	2022	Co-PI	₹ 250 lakhs	TN IAMP

Completed project:

Sl.No	Title of the project	Year	PI & Co-PI of the Project	Funds (in Rs.)	Funding Agency
1.	Establishment of shrimp brood bank in Kanyakumari	2015-16	Co-PI	198.91 lakhs	NADP (National Agricultural Development Programme)
2.	Strengthening of Regional stations of CeSA, TNJFU	2016-17	Co-PI	274.54 lakhs	

3.	Deciphering genomic insights associated with adaptation in *Etroplus suratensis* (Pearl spot) for Climate Resilient Aquaculture	2022	Co-PI	36.85 lakhs	ICAR - NICRA

Research Publications:

1. Balaganesan, M., Shanmugam, S. A., Agarwal, D., Durairaja, R., Ramya, R., Rathipriya, A., & **Suresh, E**. (2025). Fish species inventory in the rhithron zone of the Thamirabarani River, Western Ghats, South India. *Pakistan Journal of Zoology*, 57(1), 1–11.
2. Thangarani, A. J., Felix, N., Suresh, A. V., Shanmugam, S. A., Kathirvelpandian, A., **Suresh, E**., Ramya, R., Ranjan, A., Prabu, E., & Suman, T. Y. (2025). Impact of selenium supplementation on antioxidant enzyme activity and liver gene expression in juvenile pangasius catfish (*Pangasius pangasius*). *Journal of Fish Biology*, 1–16.
3. Kalaiselvi Natarajan, Karal Marx Karuppiah, Sheena K Baby, Sakthivel Mohammed, Shanmugam Seerappalli Aran and **Suresh Eswaran**. (2024). Induced Breeding, Embryonic and Larval Development of Koi Carp in Recirculatory Aquaculture System. Pakistan Journal of Zoology.
4. M. Anjusha, S. Prakash, A. Kathirvelpandian, M. Sakthivel, N. Kalaiselvi, and **E. Suresh.** (2023). Estimation of repeatability and phenotypic correlation of reproductive traits in zebrafish Danio rerio. Indian J. Fish. 70(1): 31-35.
5. Marbade, P., Shanmugam, S. A., **Suresh, E.,** Rathipriya, A., Rather, M. A., & Agarwal, D. (2023). Gene expression profiling and physiological adaptations of pearl spot (Etroplus suratensis) under varying salinity conditions. International Journal of Biological Macromolecules, 253, 127569.

Students guided

S. No.	Student name and Email id	Degree	Research Title
1	I. Vidhya vidhya.4422@gmail.com	M.F.Sc. (Fish Genetics and Breeding)	Molecular characterization of mullet species of South Indian region.
2	Rakesh Nirmalkar rakeshnirmalkar08@gmail.com	M.F.Sc. (Fish Genetics and Breeding)	Evaluation of Nano Iron on Growth Performance of Pearl Spot (*Etroplus suratensis*)
3	Anjusha Miriyala rakeshnirmalkar08@gmail.com	M.F.Sc. (Fish Genetics and Breeding)	Estimation of genetic parameter of reproductive traits in captive bred Zebrafish (*Danio rerio*)