

Individual Biodata

Name :Dr. P.Elakkanai

Designation : Assistant professor & Head i/c

Address :Department of Aquatic Environment Management,
Dr. M.G.R. Fisheries College and Research Institute, Thalainayeru, Nagapattinam (Dt).

Contact
Mobile : 8489641220 / 8838865430
Email : elakkanai@tnfu.ac.in

Qualification :M.F.Sc. in Aquatic Environment Management
Ph.D in Fisheries Resource Management

Field of Specialization

Major : Aquatic Environment Management

Specializing field : Plankton diversity, Pollution monitoring studies

Experience (in years) : 6 years

Current Projects : Nil

Completed Projects : Nil

Research publications :

1. **Elakkanai,P.**, Srinivasan, A., Padavathy,P., Felix,N., Stephen, 2010. Plankton biomass in integrated freshwater fish ponds. Environment & Ecology, 34(3A), 1207-1211.
2. **Elakkanai, P.**, Srinivasan, A., Padavathy,P., Kavitha, S., 2017. Water quality and plankton production in fertilized and unfertilized freshwater fish ponds. J.Aqua.Trop. 32 (3-4), 1-12.
3. **Elakkanai, P.**, Francis, T., Ahilan, B., Jawahar, P., Padmavathy, P., Jayakumar, N., NeethaShenoy, 2016. Effect of GnRH change in Testosterone and Estradiol-17β level in blood serum of Rainbow Shark, *Epalzeorhynchosfrenatum.* Environment & Ecology, 34(4), 1721-1725.

4. **Elakkanai, P.,** Francis, T., Ahilan, B., Jawahar, P., Padmavathy, P., Jayakumar, N., Subburaj, A., 2015. Role of GnRH, HCG and Kisspeptin on reproduction of fishes. Indian Journal of Science and Technology, 8 (17), 1-10.
5. **Elakkanai, P.,** Francis, T., Jayakumar, N., 2017.Effect of synthetic Kisspeptin -10 on changes in the level of reproductive parameters in Rainbow Shark, *Epalzeorhynchosfrenatum*. J. Exp.Zool. India, 20 (1), 189-192.
6. **Elakkanai, P**., Francis, T., Ahilan, B., Jawahar, P., Padmavathy, P., 2017. Effect of hCG on changes in the level of reproductive parameters in Rainbow Shark, *Epalzeorhynchosfrenatum*. J. Exp.Zool. India, 20 (2), 1109-1113.
7. **Elakkanai, P**., Francis, T., Ahilan, B., Jawahar, P., Padmavathy, P., Subburaj, A., 2017. Effect of synthetic Kisspeptin-10, hCG and GnRH on induced breeding of *Epalzeorhynchosfrenatum*. J. Exp.Zool. India, 20 (2), 923-927.
8. Subburaj, A., Francis, T., **Elakkanai, P.,** Jayakumar, N., 2015. Sub- lethal effect on Zinc induced histopathological alterations in the gill, liver and kindey of Gold fish, *Carassiusauratus.*Ind.J. vet.&Anim.Sci Res, 44(1), 25-35.
9. Subburaj, A., Francis, T., Jayakumar, N., **Elakkanai, P.,** 2015. Effect of zinc toxicity on histological changes in brain and gonad of Gold fish, *Carassiusauratus.* J. Aqua.Trop. 30 (1-2), 53-61.