Individual Profile



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Designation	:	Assistant Professor(c)
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Qualification	:	M.F.Sc, Ph.D.(Fisheries Engineering Technology)

Field of Specialization

Major	:	Fisheries Engineering Technology
Specializing field	:	Biofouling prevention using nanotechnology and Deep sea Fishing
Experience (in years)	:	1 year 3 months
Current projects	:	Nil
Completed projects	:	Nil

Research publications :

1. **Archana, S.,** Sundaramoorthy, B., Neethiselvan, N., and Jeyashakila, R. (2019). Comparison of Effect of Nanocoating against Biofilm Forming Bacteria on Mild Steel. Indian Journal of Veterinary and Animal Sciences Research, 48 (2) 35-44.
2. **Archana, S.,** Sundaramoorthy, B., Neethiselvan, N., and Jeyashakila, R. (2019). Impact of Nanocoating on Micro and Macro Foulers in FRP, Steel and Wooden Materials. International Journal of Current Microbiology and Applied Sciences, 8(8): 2908-2922.
3. **Archana, S.,** Sundaramoorthy, B., Neethiselvan, N., and Jeyashakila, R. (2017). Survey of Existing Fouling Problems and Antifouling Measures of Gulf of Mannar Coast. Journal of Experimental Zoology, 20(Suppl. 1): 1459-1462.

4. **Archana, S.,** Sundaramoorthy, B., Neethiselvan, N., and Jeyashakila, R. (2017). Effects of Nanocoating on Biofilm Forming Bacteria on Different Boat Building Materials Using 16rs DNA. International Journal of Fisheries and Aquatic Studies, 5(4): 300-307.
5. **Archana, S.,** Sundaramoorthy, B., and Mohamed Faizullah, M. (2019). Biofouling Prevention Using Nanotechnology. Journal of Entomology and Zoology Studies, 7(4): 640-648.
6. **Archana, S.,** Sundaramoorthy, B., and Mohamed Faizullah, M. (2019). Impact of Biofouling in Aquafarm Infrastructures. International Journal of Current Microbiology and Applied Sciences, 8(1): 2942-2953.
7. Faizullah, M.M., Santhoshkumar, S.S. and **Archana, S.** (2023). Effect of live feed (Artemia nauplii) and farm-made feed on growth and survival of zebrafish, Danio rerio fry. J. Krishi Vigyan, 11(Suppl.): 65-69.
8. Sundareswari, D., Neethiselvan, N., Jayakumar, N., Kalaiarasan, M., Ravikumar, T., **Archana, S**., Amala Shajeeva, J. (2024). Gillnet Selectivity for the Coromandel Flying Fish, Hirundichthys coromandelensis (Hornell, 1923), along the Nagapattinam Coast, Southeast Coast of India. Journal of Coastal Research, 40(6), 1137-1143.
9. **Archana. S**., Neethiselvan. N, Padmavathy. P, Ravikumar. T, Uma Maheswari.T, Manikandan. B, Durai. V, Mohammed Faizullah, Sundareswari. D and Ferolin Jessina. G. (2025). Comparative Analysis of Catch Efficiency and Seasonal Variations in Midwater Shark. Pakistan Journal of Zoology.1-7.

Honours and Awards : Nil