Faculty profile

Name	Dr. N. Hemamalini	
Designation	Assistant Professor (C)	
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Experience (Y/M)	28 M	

Current Project(s) – Nil.

Research Publications

1. **Hemamalini, N.,** Shanmugam, S. A., Kathirvelpandian, A., Deepak, A., Kaliyamurthi, V., & Suresh, E. (2021). A critical review on the antimicrobial resistance, antibiotic residue and metagenomics-assisted antimicrobial resistance gene detection in freshwater aquaculture environment. *Aquaculture Research*, *53*(2), 344-366.
2. **Hemamalini, N.,** Ezhilmathi, S., & Mercy, A. A. (2019). Recombinant protein expression optimization in Escherichia coli: A review. *Indian J Anim Res*, *54*(6), 653-660.
3. **Hemamalini, N**., Shanmugam, S. A., Kathirvelpandian, A., Deepak, A., Kaliyamurthi, V., Suresh, E., & Ezhilmathi, S. (2022). Prevalence, Antimicrobial Susceptibility and Resistance Gene Detection in Bacteria Isolated from Goldfish and Tiger Barb from Ornamental Fish Farms of Tamil Nadu. *Indian Journal of Microbiology*, 1-6.
4. Hemamalini, N., Shanmugam, S. A., Kathirvelpandian, A., Deepak, A., Kaliyamurthi, V., Suresh, E., & Ezhilmathi, S. Prevalence, Antimicrobial Resistance and Resistance Gene Cassettes Detection in Bacterial Pathogens Isolated from Freshwater Ornamental Fishes. *Indian Journal of Animal Research*, *1*, 9.
5. Mercy, A.A., **Hemamalini, N**., Aruljothi, K., Chrisolite, B., & Karalmarx, K., (2020). In silico characterisation and homology modelling of toll/toll like receptors (TLRs) from penaeid shrimps. *Indian J. Fish*, *67*(1), 98-104.
6. Ezhilmathi, S., Felix, S., Cheryl, A., Gopalakannan, A., Ahilan, B., & **Hemamalini, N**., (2022). Effect of Distillery Spent Wash at Different

C/N Ratio on Biofloc based Nursery Culture of *Penaeus vannamei. Indian J Anim Res*, 10.18805/IJAR.B-4843.

7. Ezhilmathi, S., Ahilan, B., Uma, A., Felix, N., Cheryl, A., Somu Sunder Lingam, R. & **Hemamalini, N.,** (2022). Physiological Response of Asian Seabass Reared in Recirculating Aquaculture System under Different Stocking Densities. Indian J Anim Res, 10.18805/IJAR.B-4955.

Honors & Awards

1.Young Researcher Award (2022) - InSc, India.

2. Outstanding Young Achiever Award (2022)- IEA, India.