

## FACULTY PROFILE



### **Dr. Jayalakshmi K J**

Assistant Professor

Ph D (**National Institute of Oceanography**)

Marine Science -CUSAT

### **Contact details**



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Dr. Jayalakshmi K J, Assistant Professor in Dept. of Fishery Resource Management, Faculty of Fisheries, Kerala University of Fisheries and Ocean Studies (KUFOS), serving as an academician and researcher since 2015.

Her research interests encompass coastal and estuarine resources, specifically on the Ecology and biodiversity of fishes and crustaceans.

Dr. Jayalakshmi is a dedicated academician, handling various courses in the UG, PG and Ph D level. The spectrum of subject includes Taxonomy, Biology, Ecology, and Diversity of aquatic shellfish resources. She is supervising many doctoral research projects and post graduate master Projects. Dynamics of zooplankton in the estuarine environment was one of the recently completed doctoral research project on her credit.

Her notable research output from the project entitled “Mapping of clam beds in the Vemband Wetland Ecosystems” submitted to the Govt. of Kerala as a policy document.

She is efficient in coordinating workshops, seminars. Faculty Development programmes, student’s activities and awareness programs.

Dr. Jayalakshmi published many research articles in peer-reviewed journals.

As an academician and researcher, Dr. Jayalakshmi K J continuously contributing to the field of biology and ecology of aquatic resources. Apart from this, she is coordinating exhibition activities of the University under Directorate of extension.

**Teaching:**

- ❖ Taxonomy of Crustaceans and Molluscs
- ❖ Anatomy and Biology of Shellfishes
- ❖ Feeding, Reproductive and Developmental Biology of fishes and shellfishes
- ❖ Biodiversity, Ecology and conservation

**Research Areas:**

- Estuarine Fish and shellfish Biodiversity
- Zooplankton dynamics – Marine and estuarine
- Crustacean and Molluscan resources
- Mapping of Clam Beds

**Key Management Roles:**

- Master Trainer – BLP – ICAR
- ASAP – Faculty Coordinator
- Batch Coordinator-BFSc 2020
- PI of Exhibition activities under Directorate of Extension

**Publications:**

- Google Scholar: <https://scholar.google.com/citations?hl=en&user=UA474wAAAAJ>

**Awards & Achievements:**

- Exploring the Traditional Knowledge of Sand Crabs, Shimi H and Jayalakshmi K J, Paper presented National Seminar on Environmental status of Estuarine and Coastal Ecosystems in India, held at University of Kerala, Trivandrum ( Best Poster presentation)
- Seasonal variability of Planktonic standing sock in the Ashtamudi estuary Hani Mohandas P.M 1 and Jayalakshmi K.J (Best Presentation Award), International Conference on Frontiers in Marine Science (MARICON – 2019) conducted during 16 -20 December
- Coordinated Faculty Development Programme on “Competency Enhancement of Agricultural Research and Education” Jointly organized by KUFOS and ICAR NAARM Hyderabad, on 20 to 24 November 2023 at KUFOS HQ
- Coordinated National Training workshop on “Aquatic Ecosystem Assessment” organised by CARMC, KUFOS on 5<sup>th</sup> to 9<sup>th</sup> August 2024

## **Ongoing Projects:**

- Studies on decapod crustacean resources of VL and near coastal waters with focus on life history traits of commercially important species  
\_ State Plan fund Project