

## FACULTY PROFILE



### Dr. Pramila S.

Assistant Professor (Fishery Biology)

PhD (CIFE)

Fisheries Science

### Contact details



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Dr. Pramila S., an Assistant Professor specializing in Fishery Biology at the Department of Fisheries Resource Management, Kerala University of Fisheries and Ocean Studies), joined the University in 2015. Her research interests include marine and estuarine fishery resources, impacts of emerging pollutants and other stress factors on fish biology and physiological processes, and mariculture.

Dr. Pramila has been mentoring the PhD students under the Faculty of Fisheries Science and Faculty of Ocean Science and Technology as well as PG students. One student has been awarded PhD and 12 students including one from other institution have been awarded MFSc/MSc under her guidance. She was instrumental in establishing additional research/wet lab facilities for the department. She is actively involved in the state Government funded “Centre for Aquatic Resource Management” (CARMC) and has made significant observations on microplastic pollution of fauna of Vembanad lake. Her research has been published in several peer reviewed journals. She also serves as the course coordinator for MFSc (FRM) programme offered by the department. She is also the programme coordinator of IIRS e-learning/ outreach programmes for the Faculty of Fisheries Science.

In addition to the academic roles, she is currently an elected member of the KUFOS Governing Council representing the Faculty of Fisheries Science. She is also holding the post of NSS Programme Officer, KUFOS NSS Unit 02.

Her research is primarily focused on exploited fisheries of marine and inland water bodies, their fish diversity and ecosystem based fisheries management, in addition to biology and physiology of fish and shellfish resources, particularly the impairment of biological parameters due to environmental stressors such as microplastics.

**Teaching:**

- ❖ Physiology of fish and shellfish (BFSc)
- ❖ Marine Fisheries (BFSc)
- ❖ Sustainable fisheries management (MFSc)
- ❖ Climate change and fisheries resource (MFSc)
- ❖ Marine fisheries resource management
- ❖ Functional physiology (PhD)

**Research Areas:**

- Estuarine and marine resources
- Microplastic ingestion by aquatic fauna
- Physiological responses of aquatic organisms to environmental stressors
- Ecotoxicological effects and risk assessment in aquatic systems

**Key Management Roles:**

- Member, KUFOS Governing Council
- Programme Officer, KUFOS NSS Unit -02
- Course coordinator, IIRS e-learning outreach programmes (FFS)
- Course coordinator, MFSc (FRM)
- Member, Biannual journal editorial committee

**Publications:**

- Google Scholar: <https://scholar.google.com/citations?hl=en&tzom=-330&user=WJjq9LgAAAAJ>

**Awards & Achievements:**

- Kiranya B. Pramila S. and Sreekanth G.B. won best poster award at International Conference on Frontiers in Marine Science- Challenges and Opportunities- MARICON-2019, organized by Cochin University of Science and Technology.

- Albin Albert C. and Pramila S. won Young marine biologist award-2019 by Marine Biological Association of India at International Symposium on Marine Ecosystems Challenges and Opportunities (MECOS 3)
- Kiranya B. Pramila S., Rajeev Raghavan and Sreekanth G.B. won best poster award at National Seminar on "Reorienting the Strategies towards the Sustainable Aquaculture & Fisheries-2022 organised by KUFOS

**Ongoing projects:**

Centre for Aquatic Resources Management and Conservation (CARMC)- Microplastic ingestion by aquatic fauna