

FACULTY PROFILE



Name: Dr. Prabhakaran M.P.

Assistant Professor (Fisheries Oceanography)

Dept. of Aquatic Environment Management

PhD (CUSAT)

Post Doctoral Research (CSIR)

Specialization: Marine Biology & Oceanography

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Dr. Prabhakaran M.P., Assistant Professor (Fisheries Oceanography) working in the Department of Aquatic Environment Management at Kerala University of Fisheries and Ocean Studies (KUFOS), since 2015 onwards. Serves as the teaching Faculty for Marine Biology, Fishery Oceanography, Coastal Resources and Management, Planktonology, Marine Biodiversity, etc. Research interests includes marine biodiversity (plankton, seaweeds, seagrasses, mangroves and invertebrates), and oceanographic processes.

Teaching:

- Marine Biology
- Plankton Ecology and Dynamics
- Benthic Ecology
- Marine Biodiversity
- Integrated Coastal Zone Management
- Coastal Resource Management
- Fishery Oceanography
- Ocean Remote Sensing

Research Areas

- Marine Biodiversity (plankton, seaweeds, seagrasses, mangroves and benthic invertebrates)
- Oceanographic processes and dynamics

Publications:

- List attached

Awards & Achievements:

- CSIR Post-doctoral fellowship (3 years)
- JSPS (Japan) Visiting Grant

Projects:

As PI

- Cataloguing and assessment of marine macro-algal resources of Kerala Coast (State Plan Project) -Completed
- Macrobenthic community structure of Vembanad Lake from Alappuzha to Thoppumpady (Kerala State Plan Project Phase I) - Completed

- Macroenthic community structure of Vembanad Lake from Northern Vembanad Lake and adjacent off shore waters. (Kerala State Plan Project Phase II) - -Ongoing
- Response studies on bivalves due to harmful algal bloom exposure in the coastal waters of Malabar, Kerala (Kerala State Council for Science, Technology and Environment) -- Ongoing

As Co PI

- Mycosporine - like amino acids from Corals and associated Dinoflagellates- Their Role in Preventing Coral Bleaching- A case study of Lakshadweep Archipelago (DST-SERB Project) - Ongoing
- Establishment of wave observation at two locations off Kerala Coast: Verification & Dissemination of Forecasts, Advisories & User Interaction Workshop (MoES-INCOIS) - Completed
- Natural and human-induced hypoxia and its consequences in the coastal waters off Kochi (MoES-INCOIS) - Completed
- Centre for Biofoc Technology (State Plan Project) - - Completed
- Centre for Indigenous knowledge of Traditional Fisher Folk (State Plan Project) - - Completed
- Assessment of planktonic larval standing stock of commercially important fishes and crustaceans of Vembanad Lake (State Plan Project) - Completed