

FACULTY PROFILE



Dr. Linoy Libini, C.

Assistant Professor & Head

Fisheries Station, KUFOS, Puduveyypu

PhD (Annamalai University)

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Dr. Linoy Libini serves as an Assistant Professor & Head, at the Fisheries Research Station, Kerala University of Fisheries & Ocean Studies Puduveyypu. He became the course teacher for various academic programs under the faculty of Fisheries Sciences. His experience in black-lip pearl oyster farming and pearl production, shellfish hatchery operations, conservation, and ecological restoration of pearl oysters. He is also doing research in the field of estuarine and marine benthic ecology and environmental impact assessments. Dr Linoy Libini contributed well in his areas of expertise in national and international projects as part of leading research institutions and organizations in India and abroad. During his research career, he has been given in training and capacity-building programs on marine, coastal aquaculture, and biodiversity and also attended and presented papers in national and international symposia and workshops. His research works have been published in peer-reviewed national and international journals. He has guided and mentored postgraduate students and doctoral researchers to pursue their degrees. Dr Linoy discharges his duties in various capacities for the academics, research, extension and administration for the good fortune of the university.

Teaching:

- ❖ Coastal Aquaculture and Mariculture
- ❖ Shellfish hatchery management

Research Areas:

- Coastal Aquaculture and Mariculture,
- Shellfish breeding
- Marine ornamental fish breeding
- Marine pearls
- Estuarine macrobenthic ecology

Key Management Roles:

- Head, Fisheries Station Campus, Puduveypu
- Member, Research Council, KUFOS
- Member, Extension council, KUFOS
- Nodal officer, Natural farming

Publications:

- Linoy Libini, C. K.A. Albert Idu, Manjumol, C.C., V. Kripa, K.S. Mohamed, 2017. Microalgal size, density and salinity gradients influence filter feeding of *Pinctada margaritifera* spat Indian Journal of Geo Marine Sciences 46 (1): 48-54
- Linoy Libini, C. K.A. Albert Idu, Manjumol, C.C., V. Kripa, K.S. Mohamed, 2018. Growth, survival, and byssal attachment of the blacklip pearl oyster *Pinctada margaritifera* spat exposed to different salinities. Indian Journal of Fisheries 65 (4): 68-74

- Manjumol, C.C., C. Linoy Libini, K.A. Albert Idu, V. Kripa, K.S. Mohamed, 2018. Occurrence of Diatom – Diazotrophic association in the coastal surface waters of south Andaman, India. *Symbiosis*, 76: 293-302
- Manjumol, C.C., C. Linoy Libini, V. Kripa, K.S. Mohamed, 2019. New record of marine tube dwelling diatoms *Navicula mollis* and *Navicula rusticensis* from south Andaman India. *Indian Journal of Geo Marine Sciences*, 48 (3): 294-296
- Sreerangan Manokaran, TV Joydas, M.A. Qurban, Linoy, L.C. Thomas, J.K. AU Basali, SA Khan, AA Suwailem, 2021. Baseline patterns of structural and functional diversity of benthic amphipods in the western Arabian Gulf. *Marine Pollution Bulletin*, <https://doi.org/10.1016/j.marpolbul.2021.112054>.

Awards & Achievements:

- Life member in the Marine Biological Association of India

Ongoing Projects:

- Principal investigator - Plan project on Multispecies hatchery (2022- 2027); Rs. 45 Lakhs.
- Co- PI, All India Network Project, ICAR Project on Ornamental fish breeding (2024-2027): Rs. 51 Lakhs

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