

FACULTY PROFILE



Dr. Shyni. K.

Assistant Professor (Fish Processing Technology)

MFSc (Fish Processing Technology)

Ph.D (CUSAT)

Contact details



9388533408



shynik@kufos.ac.in

Dr.Shyni K, Assistant Professor in Fish Processing Technology, Faculty of Fisheries Science, Kerala University of Fisheries and Ocean Studies (KUFOS). Her research interests and Technical Skills encompass Development of functional foods from fish and fishery by products, Fishery by-product utilization, Fish processing preservation and product development, Seafood curing technology, Extraction and characterization of natural preservatives for fish preservation. She is Mentoring postgraduate and doctoral students under the discipline of Fish Processing Technology. She is handling externally funded projects, organizing workshops, seminars, and awareness programs on aquatic food product technology.

Teaching:

- ❖ Low temperature preservation of fish and shellfish
- ❖ Quality Management Systems
- ❖ Fish packaging Technology
- ❖ Functional Properties of Fish and Shell-fish Proteins

Research Areas:

- Development of functional foods from fish and fishery by products
- Fishery by-product utilization
- Fish processing, preservation and product development
- Seafood curing technology
- Extraction and characterization of natural preservatives for fish preservation

Key Management Roles:

- Course Manager, Experiential Learning Programme (ELP) for BFSc
- Faculty Member, Internal Complaints Committee (ICC) , KUFOS
- Nodal Officer, SC/ST/OBC cell, KUFOS

Publications:

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

Awards & Achievements:

- Best poster presentation award at International Conference on Science and Technology for National Development organized by KUFOS
- Best poster award at International Conference on Clinical Nutrition organized by Conference Series LLC, Henderson, USA
- 3rd Rank in ICAR's All India Entrance Examination for Ph.D. (Fish Processing Technology) (2010)
- A research team member in developing standardizing and technology transferring of Pharmaceutical grade collagen products to Eucare Pharmaceuticals (P) Ltd, Chennai, India.

Ongoing Projects:

- PI for Kerala Development and Innovation Strategic Council - One Local Government One Idea Project "Preliminary Project Report Preparation on Process standardization and value addition of clam (*Villorita cyprinoides*) in Muhamma Grama Panchayat, Alappuzha district of Kerala" 12.10.2023-30.11.2023 Completed (12.10.2023-30.11.2023); Rs. 2,17,710.
- PI for Kerala Development and Innovation Strategic Council- Muhamma Grama Panchayath One Local Government One Idea Project "Detailed Project Report Preparation and implementation on Process standardization and value addition of clam (*Villorita cyprinoides*) in Muhamma Grama Panchayat, Alappuzha district of Kerala" (July 2024-July 2024); Rs. 52,36000.

Read More: