



KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES

ACCREDITED WITH NAAC 'A' GRADE

കേരള ഫിഷറീസ് - സമുദ്ര പഠന സർവ്വകലാശാല

AND

FISHERIES AND OCEAN KNOWLEDGE CENTRE, KUFOS

PUTHENKADAPPURAM, CHAVAKKAD, THRISSUR DISTRICT, KERALAM

**EXPLORE THE OCEANS
OF OPPORTUNITY
WITH KUFOS**

INTERNSHIP PROGRAMME FOR UNDERGRADUATE & POSTGRADUATE STUDENTS

PROJECT WORK OPTIONS UNDER VARIOUS FACULTIES

- ➡ India's first integrated Fisheries-Ocean Sciences Internship Hub
- ➡ Networks with leading national and international institutions
- ➡ Supporting NEP 2020 experiential learning credits
- ➡ Feeding into Blue Economy workforce development



Kerala University of Fisheries and Ocean Studies (KUFOS)
Panangad P.O., Kochi, Keralam-682506, India
Website: www.kufos.ac.in

ABOUT KUFOS

Kerala University of Fisheries and Ocean Studies (KUFOS), the first fisheries and ocean sciences university in India, is an institution dedicated to education, research and extension in fisheries, ocean sciences and allied disciplines. Located in Kochi, Kerala, the university plays a vital role in advancing sustainable fisheries, marine research and aquatic resource management.

KUFOS maintains strong collaborations with research institutes of national and international level, industries and government agencies, enabling students to gain hands-on experience and industry exposure.

INTERNSHIP PROGRAMME

KUFOS Internship Programme is designed to provide practical training, research exposure and industry interaction to undergraduate and postgraduate students. Internships are integrated into academic programmes and offered as independent training opportunities to external students.

OBJECTIVES

- To bridge the gap between academic learning and real-world applications
- To provide exposure to modern fisheries, aquaculture and marine technologies
- To develop research, analytical and technical skills
- To promote innovation, entrepreneurship and career readiness

AREAS OF INTERNSHIP

Students can undertake internships in diverse domain areas such as:

A. Field Ecology & Biodiversity Studies

- Wetland & Estuarine Field Sampling Techniques
- Coastal & Marine Field Biology (Rocky Shores, Sandy Beaches, Estuaries)
- Mangrove Ecology & Blue Carbon Assessment
- Intertidal Biodiversity Mapping & Citizen Science Tools

Outcome: Field-ready students trained in ecological monitoring and biodiversity assessment

B. Fisheries Science & Taxonomy

- Integrated Fish Taxonomy (Morphology + Molecular Tools)
- Ichthyofaunal Diversity of Western Ghats and Marine Systems
- DNA Barcoding and Molecular Identification Techniques
- Fisheries Resource Assessment Methods

Outcome: Capacity in taxonomy, systematics and biodiversity informatics

C. Aquaculture & Ornamental Fisheries

- Ornamental Fish Breeding, Aquarium Design and Trade
- Sustainable Aquaculture Techniques (Freshwater, Brackishwater, Marine)
- Recirculating Aquaculture Systems (RAS) and Biofloc Technology
- Aquatic Animal Health and Disease Diagnostics
- Seaweed Cultivation and Integrated Multi-Trophic Aquaculture (IMTA)

Outcome: Creating Industry-ready aquaculture entrepreneurs and technicians

D. Post-Harvest & Value Addition Techniques

Advanced Fish Processing & Quality Mastery

- Modern Primary Processing
- Thermal & Non-Thermal Preservation
- Export-Grade Quality Assurance & Certification
- Sensory Evaluation & Grading

Innovative Seafood Product Development

RTC & RTE, Extrusion Technology, Surimi Technology, Smart Packaging Solutions, Fish Waste Valorization & Circular Economy, Marine Collagen & Gelatin Extraction, Omega-3 & Pharmaceutical Oils, Chitin & Chitosan Production, Bio-Fertilizers & Aqua-Feed, Precision Refrigeration

Outcome: Skilled workforce for seafood export and processing sector

E. Research, Data Analysis & Science Communication

- Research Methodology and Experimental Design
- Scientific Writing, Publishing and Peer Review
- Science Communication

Outcome: Strong academic and research communication skills

ELIGIBILITY

- Undergraduate (UG) students in relevant disciplines
- Postgraduate (PG) students in fisheries, ocean sciences, life sciences, engineering, management, IT etc.

FACILITIES & SUPPORT

- Modern laboratories and research infrastructure
- Library and digital resources
- Field exposure in aquaculture farms and marine ecosystems

DURATION AND FEE STRUCTURE

Flexible internship duration options:

Duration	Science & Engineering Students (in Rs.)	Arts & Social Science Students (in Rs.)
Up to 1 week	3500/-	2400/-
1 week – 2 Weeks	5800/-	3500/-
2 weeks – 1 month	11600/-	5800/-
1 month – 3 Months	23100/-	17400/-
3 months – 6 Months	34700/-	23100/-

Disclaimer: The fee structure indicated above is exclusive of boarding, lodging and travel expenses, which shall be the responsibility of the intern/trainee.

KEY FEATURES

- Hands-on training in state-of-the-art laboratories and field units
- Exposure to hatcheries, fish farms and processing units
- Guidance from experienced scientists and faculty
- Opportunities to participate in ongoing research projects
- Internship certificate upon successful completion

APPLICATION PROCESS

Interested candidates should submit the applications by sending a formal email with details of the number of students, preferred board subjects listed and the duration (and preferred month). If the number students for a particular subject is less, the internship may be cancelled.

Note: Total fee has to be paid in advance. Fee once paid will not be refunded. Request for change in the programme and time will not be entertained once enrolled.

CAREER BENEFITS

Exposure to future career and higher studies options in fisheries and ocean sciences, practical experience, networking with professionals, enhanced employability in fisheries and marine sectors and better awareness on self-employment, start-ups and incubation facilities.

WHY CHOOSE KUFOS?

- Specialized university in fisheries and ocean sciences
- Strong industry and research linkages
- Opportunities for higher studies and global exposure

CONTACT INFORMATION FOR INTERNSHIP

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