

FACULTY PROFILE



AMRUTHA R KRISHNAN

Assistant Professor (Fisheries Engineering Technology)

Head (i/c), Department of Fishing Technology

MFSc (WBUAFS)

Fishing Technology & Fisheries Engineering

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Mrs. Amrutha R Krishnan, Assistant Professor at Kerala University of Fisheries and Ocean Studies (KUFOS) has specialization in Fisheries Engineering & Technology. Her research interests encompass responsible fishing techniques, standardization of gear design, development of bycatch reduction devices, carbon foot printing of fishing systems, application of remote sensing etc. She is one of the pioneer researcher has studied the effect of T90 mesh windows in gear.

Mrs. Amrutha R Krishnan currently functioning as the Head (i/c) of Department of Fishing Technology and the co-ordinator of MFSc (Fishing Technology & Engineering). She guides M.F.Sc graduates and contributed significantly for the establishment of various laboratories of Fishing Technology and Engineering at KUFOS.

She has published several research papers, book chapters and popular articles in National and International peer reviewed journals. She also functions as editor and reviewer of international peer reviewed journals and member in professional bodies. She has deep interest in responsible fishing techniques and delivered lectures. Her commitment and unwavering efforts focuses sustainability in fishing and benefit of the fishermen community by integrating teaching, research and extension activities in the realm of fishing technology and engineering.

Teaching:

- ❖ Fishing crafts & gears – design, construction & operation
- ❖ Responsible Fishing
- ❖ Navigation & Seamanship
- ❖ Aquaculture Engineering
- ❖ Fishing Harbour & Fleet Management
- ❖ Refrigeration & Equipment Engineering
- ❖ Marine Engineering
- ❖ Fish Processing Machineries
- ❖ Deep Sea Fishing Techniques
- ❖ Sea safety & Disaster Management

Research Areas:

- Designing of Fishing gears & Selectivity
- Design optimization of fishing gears and crafts for sustainable harvesting of fishery resources
- Development of Bycatch Reduction Devices & Responsible Fishing Techniques
- Application of Remote Sensing in Fisheries

Key Management Roles:

- Head (i/c), Department of Fishing Technology

Publications:

- <https://www.researchgate.net/profile/Amrutha-Krishnan-4/interest>

Awards & Achievements:

- Secured University Rank II in MFSc
- Certificate of Appreciation from the Parent Teacherss' Association of College of Fisheries, WBUAFS for academic excellence in ICAR _ ASRB NET Examination 2017.
- Recipient of grade A in NCC C Examination

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