

Muhammed Husain F.
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Education Qualification

BFSc (Fisheries Science), College of Fisheries Science, Kerala University of Fisheries and Ocean Studies, Kochi, Kerala, India	7.41 OGPA	09/2024
High School Bio-math, Kuriakose Elias /SC School, Mannanam, Kottayam Kerala,India	86.5 percent	05/2019
Matriculation. Science, Vimala Hridya ICSE School, Kollam, Kerala/India	92.6 percent	05/2017

Work Experience

Lab Assistant, Aquatic Referral Laboratory, Kochi, Kerala	12/2024- 05/2025
<u>Rural Fisheries Work Experience program</u> Centre for Peninsular Aquatic Genetic Resources PAGR in Kochi Mangala Seafoods, Aroor	06/2024-07/2024 07/2024-08/2024

Experience and Key Skills

Multispecies Aquaculture Complex, RGCA Vallarpadam. (June 2025-July 2025)

- Hatchery , nursery and farming operations of GIFT
- Hatchery, nursery and farming of Asian Seabass (*Lates calcarifer*)
- Hatchery and Nursery operations of *Etroplus suratensis*, Quarantine and farming of Black Tiger shrimp
- Live feed culture –Microalgae, Artemia, Bread worm

Aquatic Animal Health Division of the Referral Lab as Lab assistant .(Dec 2025- June 5, 2025)

- Focused on Animal Health and Environmental Chemistry.
- Water quality parameters for both drinking as well as culture purposes s
- Exposed to about 15 Instruments such as ICP-MS Agilent 7850, LC- MS, Nephelometer, Refractometer, Bacteria Detection (BD), Thermal Cycler, Bio photometer, etc.
- Engaged in Water quality tests as well as diseases in fishes and microbiology related to diseases

- Engages in PCR analysis, Wet lab Monitoring, LC-MS , ICP-MS sample preparation
- Worked closely with ongoing post-graduates such as Microbiology, histology, Molecular experiments specific to Aquatic animal health .

RFWE –ICAR PAGR

- Hatchery management
- Familiarity in breeding aspects of Catfishes, Indigenous ornamental fishes and food fishes
- Live feed culture
- Water quality monitoring

RFWE – Mangala Seafoods Aroor

- Familiarity with Seafood Freezing, Canning, And Packaging technology
- Quality control & Quality Analysis
- Food Microbiology tests
- High field HACCP level 3 and ISO 22000:2018

Educational Leadership.

POC Cadet NCC Naval Wing 7K -A grade Certificate

3 years

Other Trainings

- Integrated training at Multispecies Aquaculture Complex Vallarpadam 05/2025
- Water and Sediment Analytical techniques with special reference to Marine life, ICAR- CMFRI (MarBiE-3) - Hands on Training 11/2024
- Internal Auditor Training on FSMS as per ISO 22000:2018
- High field International HACCP Level 3 11/2024
- Biofloc –hands on training by Stem Systems 10/2024
- Training on capture and breeding of *Clarias dussumeri*, (Nadan mushi) and live feed culture from PAGR Kochi 07/2024

Conferences and Events Participated

- CIFEST 2023 in CIFE Mumbai 03/2023
- International Fisheries congress & expo 2024 01/2024
- International webinar on Blue Economy & Maritime Revolution 03/2023

Languages- English, Malayalam, Hindi,

Achievements

NCC volunteer POC cadet with 'A' grade in C- certificate examination participated in camps such as menu sailing camp, AIYR (All India Yatch Regatta) IGC camp. .

Experience in sailboat maneuver, 7k naval unit, Ernakulam, Kerala

References

Dr Rahul Krishnan

Associate Professor in Aquatic Animal Health Management and PI of ARL KUFOS

rahul.krishnan@kufos.ac.in

Dr V S Basheer

Principal Scientist Centre for Peninsular Aquatic Genetic Resources, Kochi

vsbasheer@gmail.com

Dr Safeena MP

Assistant Professor in Aquatic Animal Health Management

Kerala University of Fisheries and Ocean Studies, Panangad

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