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Neduveli (h)

Thuravoor p.o

Angamaly

ernakulam, 683572

Expertise

- Ornamental fish breeding and rearing.
- Larval feeding, Water quality analysis
- Aquascaping
- Live feed culture
- DNA extraction, Amplification, Gel electrophoresis, RAPD PCR.
- Proficiency in MS Office
- Water chemistry analysis

AMAL VASU

MASTER IN INDUSTRIAL FISHERIES

To leverage my expertise as a master in industrial fisheries and my strong work ethic to contribute to the growth and success of the aquaculture sector. Seeking a challenging position in a dynamic organization where I can apply my knowledge, skills, and passion for sustainable aquaculture practices to optimize production, enhance environmental stewardship, and support the development of innovative solutions for the industry.

Experience

- **2024 3 months (part time)**
Aquatic clinic, NCAAH
water quality analyst
- **2023-24 ,6 months**
National Centre for Aquatic Animal Health, CUSAT
Worked as Project Intern on the "Establishment of Functional Genomics and Metabolomics Platforms for Augmented Production of Aquatic Bio-Resources and Discovery of Novel Molecules of Biomedical Importance" under the scheme for Performance Linked Encouragement for Academic Studies and Endeavour (PLEASE)
Dealed with population diversity of *Etroplus suratensis*, Heterogeneity study, Sampling, DNA isolation, Amplification RAPD PCR, Water quality Analysis.

Training and Internships

- **4- Days ,January,2023**
RGCA, MPEDA, Kochi
Internship on Hatchery techniques and seed production, and disease diagnostic techniques in Aquaculture.
- **9-Days ,January, 2023**
NIFPHATT, Kochi
On Job training in fisheries post harvest technology
- **1- month, March, 2023**
Mangala Marine Exim India Pvt. Ltd.
Production & Quality Assurance Intern
- **2-Days, May, 2023**
ICAR-NBFGR, Kochi
Molecular Biology & Microbiology
- **2-Days, September, 2023**
STEM SYSTEM
Hands on training on breeding of *Channa striata*.

Projects

- Breeding and larva rearing of Red Wag Swordtail fish (BSc.)
- Development of model aquarium integrated with IoT (BSc.)
- Impact of solvent to solid ratio on physicochemical, functional and structural characteristics of Chitin prepared from Black Soldier Fly (MSc)

Associations

- Member of Association of Fisheries Graduates

Hobby

- Fish keeping
- Gardening
- Playing cricket

Language

- English
- Malayalam
- Tamil

Education

- **MSc. Industrial Fisheries**
School of Industrial Fisheries , CUSAT
CGPA : 8.74
2021-23
- **BSc. Industrial Fish and Fisheries**
St Alberts College,Autonomous
CGPA : 7.71
2018-21
- **12th Biomaths**
Sree Sarada Vidyalaya,Kalady
Percentage: 79.6%
2018
- **10th**
Sree Sarada Vidyalaya,Kalady
Percentage: 90%

Reference

Prof. I.S. Bright Singh, FNAAS

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Dr.S Sabu

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