



AMAL VASU

MASTER IN INDUSTRIAL FISHERIES

As a postgraduate in Industrial Fisheries, I am eager to contribute to the growth of the aquaculture sector, particularly in breeding programs. My passion lies in introducing novel ideas that promote the sustainable management of the industry. I am also keen to leverage my research skills to support the organization's future success and innovation in aquaculture practices.

Experience

- **7- months (part time), 2024**
Aquatic clinic,NCAAH,CUSAT
Water Sediment quality analyst
- **6 months, 2023-24**
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, Microbiology,DNA isolation, Amplification RAPD PCR,Water quality Analysis.

Training and Internships

- **3 months, July- September, 2024**
National Centre for Aquatic Animal Health,CUSAT
Technician training programme: Aquatic Animal Health-DBT Skill Vigyan Programme
- **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*.

Contact

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ernakulam, 683572

Expertise

- Molecular Biology
- Microbiology
- Water & Sediment chemistry analysis
- Finfish & Shellfish breeding and rearing

Associations

- Sub committee member of Association of Fisheries Graduates

Field Of Interest

- Aquatic health management
- Aquatic Animal Breeding & Rearing
- Application of Novel Ideas in Aquaculture
- Live feed culture
- Aquascaping

Language skills

- Mother tongue : Malayalam
- Other Languages :
 - English
 - Tamil

Projects

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

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
Founder and Emeritus Professor
NCAAH, CUSAT
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Dr.S Sabu
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