



UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of **Trainee Project Assistant (TPA), for a task-based assignment** to work on the research project entitled “Enhancing Marine Shrimp Farming and Acclimatisation to Freshwater Environments Through IoT and Smart Technologies”, for a contractual period of four (4) months.

Qualifications Required:

- A degree in Agriculture, Biology, Marine Science, Environmental Science, or any other equivalent qualification.

Profile

Candidates must have:

- Analytical Skills and adequate knowledge in the relevant field of Research;
- A strong interest in aquaculture and research-based projects;
- Good observation and monitoring skills;
- Basic knowledge of shrimp farming, water quality management, or related fields (desirable);
- The ability to collect, organize, and maintain accurate data records;
- Good interpersonal, communication and research skills;
- Physical ability to carry out fieldwork and maintain shrimp tanks;
- Availability to work flexible hours as needed for project requirements; and
- Availability to start work as soon as possible.

Responsibilities & Duties

Task 1: Assist the Research Assistant (RA) with Data Collection

- Help in setting up IoT-enabled equipment and collecting water quality and environmental data; and
- Support the RA in organizing and processing data for analysis.

Task 2: Feeding and Monitoring of Shrimp and Water Tanks

- Feed the shrimp regularly, adhering to the specified schedules and protocols;
- Monitor shrimp health and growth, reporting any abnormalities; and

- Check and maintain water quality in the tanks, ensuring that parameters such as salinity, pH, and temperature are within optimal ranges;

Task 3: Sampling and Data Gathering

- Assist with the collection of shrimp and water samples for testing and analysis;
- Gather data from stakeholders and participants involved in the project, including shrimp fishermen and aquaculture industry personnel; and
- Maintain accurate records of sampling activities and survey responses.

Task 4: Other Project-Related Tasks

- Perform any additional tasks necessary for the smooth execution of the project, as assigned by the Principal Investigator or Research Assistant.

Remuneration

An all-inclusive allowance of **Rs80,000/-**, payable in four (4) installments upon satisfactory completion of monthly tasks.

Duration of Contract

- Appointment will be offered for a contractual period of 4 months. The tentative starting date will be 15th January 2025 to 14th May 2025.

Mode of Application

Letter of application together with a detailed *Curriculum Vitae* and photocopies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should reach **the Dean of the Faculty of Information, Communication and Digital Technologies (Attention: Dr Roushdar Elaheebocus), University of Mauritius, Réduit**, OR email address (*r.elaheebocus@uom.ac.mu*) and copied to (*deanfoicdt@uom.ac.mu*) by **Noon (12:00 PM)**, on the **30th of December 2024**, at latest.

The envelope should be clearly marked “**Trainee Project Assistant for the project Enhancing Marine Shrimp Farming and Acclimatisation to Freshwater Environments Through IoT and Smart Technologies**” on the top right hand corner.

Applications received after the closing date will not be considered.

The University reserves the right:

- to call for interview only the most appropriately and best qualified applicants.
- not to make any appointment as a result of this advertisement.
- to conduct a written/aptitude test as and when required.

17 December 2024

Dean Faculty of Information, Communication and Digital Technologies