



# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (RA), 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:

- Research and Communication skills;
- 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, organise, 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 with Data Collection

- Help in setting up IoT-enabled equipment and collecting water quality and environmental data; and
- Support the RA in organising 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.

### **Remuneration**

An all-inclusive allowance of **Rs 72,000/-**, payable in four (4) equal installments of **Rs 18,000/-** upon satisfactory completion of monthly tasks.

### **Duration of Contract**

For the task-based assignment (including Tasks 1, 2, 3 and 4), appointment will be offered for a contractual period of 4 months. The tentative starting date will be 3<sup>rd</sup> March 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: Principal Investigator - Dr Roushdath Elahebocus), University of Mauritius, Réduit**, OR email address ([r.elahebocus@uom.ac.mu](mailto:r.elahebocus@uom.ac.mu)) and copied to ([deanfoicdt@uom.ac.mu](mailto:deanfoicdt@uom.ac.mu)) by **Noon (12:00 PM)**, on the **24<sup>th</sup> of February 2025**, at latest.

The envelope should be clearly marked **“Research 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.

14<sup>th</sup> February 2025

**Dean Faculty of Information, Communication and Digital Technologies**