



# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (Full-Time)**, to work on the research project entitled *"Innovative Solutions for Waste Management and Transformation in Mauritius – for the Biodigester and biogas component"* for a contractual period of 11 months.

### Qualifications Required:

- A degree in Environmental Engineering, Chemical Engineering, Chemical and Environmental Engineering, Chemical and Renewable Engineering or a related field.

### Profile

Candidates must have:

- Strong interpersonal and communication skills.
- Data collection and analytical skills.
- Collaborative and teamwork spirit.
- Problem-solving abilities.
- The Ability to perform laboratory tests and experiments.
- Proficiency in scientific article writing and dissemination.
- Knowledge of waste management and related processes.

### Responsibilities & Duties

- Establish effective communication with project stakeholders.
- Collaborate with the Project Manager, Solid Waste Experts, and Technician to support project tasks, including living lab construction.
- Lead data collection from the living lab, ensuring accurate recording and quality control, serving as the foundation for project findings and journal articles.
- Conduct vital sewage sludge tests for project understanding and suitability assessment.
- Play a key role in testing co-digestion of animal manures with organic wastes for feasibility assessment.

## **Remuneration**

A monthly all-inclusive allowance of Rs27,400/-, plus salary compensation at approved rate, plus travelling expenses by bus.

## **Duration of Contract**

Appointment will be offered for an initial contractual period of 11 months, renewable if required. The proposed starting date will be **15 January 2024**.

## **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 Engineering (Attention: Associate Professor (Dr) Mrs P Jeetah, Co-Coordinator)**, University of Mauritius, Réduit, OR email address [p.jeetah@uom.ac.mu](mailto:p.jeetah@uom.ac.mu), and copied to [deanfeng@uom.ac.mu](mailto:deanfeng@uom.ac.mu) by **05 January 2024, at latest**.

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.

22 December 2023

**Dean, Faculty of Engineering**