



UNIVERSITY OF MAURITIUS

VACANCY

Post: RESEARCH ASSISTANT (PART-TIME)

Applications are invited from suitably qualified candidates for the post of **Research Assistant** (Part-Time), to work at the Mechanical & Production Engineering Department in a project entitled "*WasteDrive - Development of a fibre composite reinforced electric scooter based on high performance natural fibres from agricultural waste products*", for a contractual period of six (6) months.

Qualifications Required:

BSc (Hons) Microbiology, BSc (Hons) Agricultural Science and Technology, or BSc (Hons) Applied Biochemistry, or BSc (Hons) Agricultural Biotechnology, or BEng (Hons) Chemical Engineering (Minors: Energy or Environmental Engineering).

Profile:

Candidates must have:

- Good communication skills including report writing.
- Good analytical skills and conversant with statistical analysis.
- Good interpersonal skills and ability to work in a team.
- Ability to work within agreed timelines and to communicate clearly and effectively.

Main Responsibilities & Duties:

- Perform statistical analysis of experimental results.
- Perform a critical analysis and synthesis of relevant literature in direct relation to the field of the research, particularly for methodology of experiments and for the analysis of results obtained.
- Prepare a comprehensive report based on the experimental work completed and the results obtained.
- Prepare regular progress reports (as and when required).
- Provide administrative support to the team.
- Assist in the presentation of results obtained.
- Attend seminars and workshops as deemed appropriate by the research team.
- Perform any other cognate duties as defined by the Project Leader.

Remuneration:

A monthly basic allowance of Rs 13,700/-, plus salary compensation at approved rate, plus travelling expenses, based on bus fares.

Duration of Contract:

Appointment will be offered for an initial contractual period of 6 months, renewable if required. The proposed starting date will be 03 July 2023.

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 be sent by email to Dr. H. Ramasawmy (haree@uom.ac.mu copied to deanfeng@uom.ac.mu) by **15h00 on Monday 19th June 2023** at latest.

The e-mail should be clearly marked “**Research Assistant for the WasteDrive Project**”. Applications received after the closing date will not be considered.

The University of Mauritius 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/apititude test as and when required.

Dean, Faculty of Engineering
12 June 2023