



# 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 “**Assessment of biodegradability and composting of PLA bottles and cups**”, for a contractual period of 6 months.

### Qualifications Required:

- A first degree in Chemical Engineering or any related degree to the field of the research project with specialization in either environmental or energy field.

### Profile

Candidates must have:

- Sound research aptitudes, communication skills and writing skills.
- Candidates should possess good IT and analytical skills.
- Analytical skills and adequate knowledge in the relevant field of:
  - Plastic Pollution;
  - Biodegradability Testing;
  - Statistical Analysis.

### Responsibilities & Duties

- To conduct experiments on biodegradability of PLA bottles and cups under landfilling and composting conditions.
- To assess the disintegration, biodegradation and satisfactory terrestrial safety in terms of heavy metals analysis, germination rate and identification of micro-plastics.
- To perform statistical analysis.
- To consolidate and disseminate results through reporting (progress and final reports), scholarly publications, and international conference presentations
- Any other cognate duties.

### Remuneration

A monthly salary of Rs 27,400 plus travelling allowance.

### 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 April 2023.

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 emailed to **Dr. Geeta Somaroo, Principal Investigator**) at ([g.somaroo@uom.ac.mu](mailto:g.somaroo@uom.ac.mu)) and copied to **the Dean of the Faculty of Engineering** ([deanfeng@uom.ac.mu](mailto:deanfeng@uom.ac.mu)) by **13 March 2023, at latest**.

The email should be entitled as “**Research Assistant for the project Assessment of biodegradability and composting of PLA bottles and cups**”.

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.

**27 February 2023**

**Dean Faculty of Engineering**