



UNIVERSITY OF MAURITIUS

CALL FOR EXPRESSION OF INTEREST

The Faculty of Engineering is inviting expressions of interest from qualified individuals to be involved as **Research Assistant (Part-Time)** for the project entitled “*Development of a sustainable and integrated e-waste management strategy using Industry 4.0 contributing to circular economy – The Case of Mauritius.*”, for a period of 6 months.

Qualifications:

Selection will be made among Graduates in Engineering or any other related fields applicable for this post.

Profile

Candidates must have:

- A strong interest in environmental sustainability and waste management.
- Knowledge on mobile app development, data analytics and Artificial Intelligence (AI)
- Experience in data collection, report writing, and project coordination.
- Knowledge of legislation, policies, and regulations related to environmental issues.
- Excellent communication skills and ability to liaise with stakeholders.
- Proficiency in Microsoft Office and data analysis tools.
- Ability to work independently and within a team.

Responsibilities & Duties

Task 1: Assist in E-waste Characterisation at transfer stations and at the landfill during summer and winter seasons

Task 2: Investigate the applicability of artificial intelligence (AI), Internet of Things, as well as wireless communications for the development of an integrated e-waste management system

Task 3: Experimental setups and Data Verification

Remuneration:

All-inclusive allowance of MUR 250,000 upon satisfactory completion of the tasks

Duration

The period of involvement as Research Assistant (Part-Time) will be for **6 months**. The proposed starting date is 4th of May 2026.

Mode of Application

Letter of expression of interest together with a detailed Curriculum Vitae and photocopies of qualifications should reach **the Dean of the Faculty of Engineering (Attention: Dr (Ms) Geeta Somaroo), University of Mauritius, Réduit by email at: g.somaroo@uom.ac.mu and copied to deanfeng@uom.ac.mu by 24th of April 2026**, at latest.

The envelope (for the hardcopy, if any) and/or the email subject should be clearly marked “*Development of a sustainable and integrated e-waste management strategy using Industry 4.0 contributing to circular economy – The Case of Mauritius.*”.

Incomplete applications or those 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 selection as a result of this advertisement.

17 April 2026

Dean of Faculty of Engineering