



VACANCY

The Faculty of Engineering is inviting applications from qualified individuals who wish to be recruited 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 3 months (renewal upon satisfactory completion of assigned tasks).

Qualifications:

Selection will be made among Graduates in Chemical Engineering/ Environmental 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

- To ensure that all logistics are in place onsite at all the transfer stations and at the landfill for the e-wastes characterization studies.
- To select and record all information onsite for waste trucks at all the transfer stations and at the landfill for the e-wastes characterization studies
- To conduct field work for the classification and quantification of different e-wastes components at all transfer stations and at the landfill
- To prepare the samples collected onsite from the 5 transfer stations and from the landfill for the heavy metal testing
- To assist in experimental works onsite for the Total Constituents Analysis

Remuneration

A monthly basic allowance of **Rs 13,700/-**, plus travelling expenses, based on bus fares.

Duration

The period of involvement as Research Assistant (Part-Time) will be for 3 months (renewal upon satisfactory completion of assigned tasks). The proposed starting date is 20th of January 2025.

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 30th of December 2024**, at latest.

The email's subject should be clearly marked “**Research Assistant (Part-Time)**”.

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 selection as a result of this advertisement.

13 December 2024

Dean, Faculty of Engineering