



# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (Full-Time)**, to work on a research project, entitled “**Application of deep neural networks in deriving pollution and atmospheric corrosion maps of Mauritius**”, for a contractual period of **six (6) months**.

### Qualifications Required:

- Degree in the field of engineering or science.

### Profile

Candidates must have:

- Sound research aptitudes, good communication and writing skills;
- Adequate knowledge and analytical skills in the scientific field;
- Good organisation and problem-solving skills;
- Ability to perform site work;
- Ability to design and conduct experiments;
- Knowledge of data analysis and interpretation techniques.

### Responsibilities & Duties

- Carry out a literature review in the field of research;
- Perform all necessary arrangements for atmospheric exposure of materials and measurement of pollution at selected sites;
- Perform regular site visits;
- Remove samples from the sites and perform related tests and experiments;
- Collect, input and statistically analyse data obtained;
- Write reports and present results to stakeholders.

### Remuneration

A monthly allowance of Rs 27,400/-, plus salary compensation at approved rate, plus travelling expenses based on bus fares.

### Duration of Contract

Appointment will be offered for a contractual period of **six (6) months**. The proposed starting date is Monday 21 April 2025.

### 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 emailed to **Dr Y. Seechurn ([y.seechurn@uom.ac.mu](mailto:y.seechurn@uom.ac.mu))** and copied to the **Dean of the Faculty of Engineering ([deanfeng@uom.ac.mu](mailto:deanfeng@uom.ac.mu))** by **Friday 11 April 2025**, at latest.

The subject of the email should clearly state “**Research Assistant - Application of deep neural networks in deriving pollution and atmospheric corrosion maps of Mauritius**”.

Applications received after the closing date will not be considered.

The University reserves the right:

- to call for interview only the most appropriate and best-qualified applicants;
- not to make any appointment as a result of this advertisement.

03 April 2025

Dean, Faculty of Engineering