



# UNIVERSITY OF MAURITIUS

## VACANCY

### Post: RESEARCH ASSISTANT (FULL-TIME)

Applications are invited from suitably qualified candidates for the post of *Research Assistant (Full-Time)*, to work on the research project entitled "*An AI Based Weather and Landslide Nowcasting System using Multiple Predictor Locations*", for a contractual period of 12 months.

#### Qualifications Required:

- *Applicants should have at least a Degree in Telecommunications Engineering with Networking, Electrical and Electronic Engineering, Computer Science/ Computer Applications/ ICT or related fields.*

#### Profile

Candidates must have:

- Good research and communication skills.
- Good Knowledge of AI, Machine learning, IoT and data acquisition systems.
- Strong programming skills in Java, Javascript and Android Studio.
- Good knowledge of cloud computing platforms such as the IBM cloud.

#### Responsibilities & Duties

- Critical analysis of existing work in related fields;
- Support investigators in the development of the system prototype;
- Deploy the prototype on the sites identified;
- Collect and analyze the real-time data using the algorithms developed;
- Report Writing;
- Any other cognate duties.

#### Remuneration

A monthly all inclusive allowance of Rs 27,400/-, plus salary compensation at approved rate, plus travelling expenses by bus.

#### Duration of Contract

Appointment will be offered for an initial contractual period of **12 months**. The proposed starting date will be in **January 2024**.

## 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 reach **the Dean of the Faculty of Engineering (Attention: Associate Professor (Dr) Tulsi Pawan Fowdur, Principal Investigator), University of Mauritius, Réduit**, OR email address [p.fowdur@uom.ac.mu](mailto:p.fowdur@uom.ac.mu) and copied to [deanfeng@uom.ac.mu](mailto:deanfeng@uom.ac.mu) by **15<sup>th</sup> October 2023**.

The envelope should be clearly marked *“Research Assistant for the project: An AI Based Weather and Landslide Nowcasting System using Multiple Predictor Locations”* on the top right hand corner.

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.

**Dean, Faculty of Engineering**  
**14 August 2023**