



# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant**, for a **task-based assignment** to work on the research project entitled “Adding Pareto-EFS, a multi-objective feature selection method, to XPLAIN, an open platform for accelerating the development of eXplainable AI systems”. The Research Assistant will be recruited for a contractual period of 4 months.

### Qualifications Required:

- A degree in Computer Science, Software Engineering, Applied Computing, Information Systems, or any other equivalent qualification.

### Profile

Candidates must have:

- Research and Communication skills;
- Good Programming skills;
- Analytical skills and adequate knowledge in the relevant field of research;
- Excellent interpersonal and teamwork skills;
- The ability to attend regular meetings, both face-to-face and online during normal office hours;
- Availability to start work from the mid of June/ start of July 2025.

### Task 1

- Investigate robust ensemble methods and XAI;
- Attend meetings and training concerning the project;
- Prepare progress reports;
- Any other tasks related to the project.

### Task 2

- Implement various XAI models;
- Attend meetings and training concerning the project;
- Prepare progress reports;
- Any other tasks related to the project.

### Task 3

- Implement Pareto-EFS and other ensemble methods;
- Attend meetings and training concerning the project;
- Prepare progress reports;
- Any other tasks related to the project.

## **Remuneration**

For Task 1: an all-inclusive allowance of Rs 10,000/- upon satisfactory completion

For Task 2: an all-inclusive allowance of Rs 30,000/- upon satisfactory completion

For Task 3: an all-inclusive allowance of Rs 30,000/- upon satisfactory completion

## **Duration of Contract**

For the task-based assignment (including Tasks 1, 2 and 3), appointment will be offered for a contractual period of four (4) months. The tentative starting date will be 23rd June 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 sent **by email** to Dr Zahra Mungloo-Dilmohamud (z.mungloo@uom.ac.mu) and copied to the Dean of Faculty of Information, Communication and Digital Technologies (deanfoicdt@uom.ac.mu) by **Noon (12:00 PM)**, on the **16th June 2025, at latest**. The email subject should read "Adding Pareto-EFS, a multi-objective feature selection method, to XPLAIN". Applications received after the closing date will not be considered.

The University reserves the right:

- to call for an interview only the most appropriately and best qualified applicants.
- not to make any appointment as a result of this advertisement.
- to conduct a written/aptitude test as and when required.

10 June 2025

**Dean Faculty of Information, Communication and Digital Technologies**