



UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of *Research Assistant*, to work on the research project entitled "*Bus CONTROLS (Capturing Operationally Needed Trip data via Remote On-Line Sensors)*", for a contractual period of three months.

Qualifications Required:

- A first degree (BEng. or BSc.) in Electrical & Electronics/ Electronics & Communication/ Electronics & Computer Science or any degree related to the field of the research project.

Profile

Candidates must:

- Possess good research, analytical, and scientific writing skills;
- Possess excellent communication skills in English (both verbal and written) and work ethics with a positive attitude and passionate about the work they do;
- Demonstrate experience in the field of Electronics, IoT/microcontroller, cloud, AI, Linux and mobile & Web app development;
- Be able to coordinate with other team members working in different shifts and locations (Bus and Bus Garage) as and when required.

Responsibilities & Duties

- Assist in setting up the prototype for carrying out the experiments;
- Collect, monitor and analyze experimental data and draw conclusions;
- Develop mathematical models and carry out simulations in specialized software;
- Work with collaborative partners on the field as and when required;
- Develop a mobile app for the project;
- Report to the Principal Investigator and other team members;
- Present results obtained in a report and a paper;
- Participate in the dissemination of results during seminar/workshop.

Remuneration

A monthly all-inclusive allowance of Rs 27,400/, plus travelling expenses by bus.

Duration of Contract

Appointment will be offered for a contractual period of 3 months; starting date will be 01 July 2022.

Mode of Application

Letter of application together with a detailed *Curriculum Vitae* and scanned copies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should be sent to email address (a.murdan@uom.ac.mu) and copied to (deanfeng@uom.ac.mu) by **15 June 2022, at latest**.

Applications received after the closing date will not be considered. The University reserves the right:

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

08.06.2022

Dean , Faculty of Engineering