



UNIVERSITY OF MAURITIUS

VACANCY: Trainee Project Assistant (FT)

Applications are invited from suitably qualified candidates for the post of Trainee Project Assistant (Full-Time) to work on the research project entitled: “Solar Irradiance Dataset for Mauritius, Rodrigues and Agaléga”, for a contractual period of 6 months, renewable if required for a maximum period of 12 months.

Qualifications Required:

- A first degree in Computer Science/ Applications, Electrical and Electronic Engineering/ Telecommunications Engineering/ Mechatronics Engineering/ or any related degree to the field of the research project.

Profile

Candidates must have:

- Sound research aptitudes, good communication, and writing skills.
- Good organisation and problem solving skills.
- Good IT and analytical skills.
- Knowledge of programming languages.
- Knowledge of website development.
- Knowledge of data pre-processing, annotation and analysis.
- Knowledge of Cloud platforms such as IBM Cloud, Google Cloud or AWS would be a plus.

Responsibilities & Duties

To assist in:

- The calibration of sensors and reconfiguration of the sensor network.
- The implementation and testing of a data collection network.
- The implementation of machine-learning algorithms.
- The analysis of data obtained from equipment at the different sites.
- The experimental works and conduct different tests.
- Reporting to the Principal Investigator and project collaborators.
- Report writing and presentation of results obtained.
- The work on journal publications over the course of the project.
- The presentation of the research findings at conferences and workshops as deemed appropriate by the supervisors.
- The literature review in the related field of research, documentation of the works carried out and any other applicable cognate duties.

Remuneration

A monthly all-inclusive allowance of Rs 13,000/-, plus travelling expenses by bus.

Duration of Contract

Appointment will be offered for a contractual period of 6 months, renewable if required for a maximum period of 12 months. The proposed starting date will be **17th April 2023**.

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: Dr Y. Beeharry, *Principal Investigator*), University of Mauritius, 80837 Réduit, Mauritius** OR email address (*y.beeharry@uom.ac.mu*) and copied to (*deanfeng@uom.ac.mu*) by **Friday 31st March 2023, at latest. Applications by email are encouraged.**

Any email or postal correspondence should be referenced as **“Trainee Project Assistant – Solar Irradiance Dataset for Mauritius, Rodrigues and Agaléga”**.

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.

Date: 24th March 2023

Dean, Faculty of Engineering