



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 “Development of Computer Program for the Prediction and Modelling of Customer-Driven Fabric Structures for Enhancing the Quick Response, Productivity & Competitiveness of the Mauritian Textile Industry” for an initial contractual period of 12 months, renewable for an additional period of 18 months subject to satisfactory performance.

Qualifications Required:

- Selection of candidates will be made among degree holders in the fields of textile technology or computer science or mathematics or any other relevant degree awarded by a recognized body. Candidates need to have practical experience in computer programming/modelling.

Profile

Candidates should have:

- Sound research aptitudes, good communication and writing skills;
- Adequate knowledge of computer programming, computer graphics and AI tools;
- Analytical skills to understand and interpret large data sets;
- Drive, be solution-oriented and should be able to work autonomously.

Responsibilities & Duties

- Sustain & streamline communication between the Principal Investigator and Investigators;
- Initiate and organize sourcing of fabrics;
- Organize and engage in field work & factory visits as and when required;
- Design experiments, perform laboratory work, analyze data and generate models;
- Submit monthly reports with respect to work in progress & targets achieved;
- Write and submit manuscripts to high impact factor journals based on research work conducted.

Remuneration

A monthly all-inclusive allowance of Rs 25,525/-, plus travelling expenses by bus.

Duration of Contract

Appointment will be offered initially for a contractual period of 12 months, renewable for an additional period of 18 months subject to satisfactory performance. The proposed starting date will be **02 May 2022**.

Mode of Application (*Applications will be made through i-recruitment*)

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 the Dean of the Faculty of Engineering at the email address (deanfeng@uom.ac.mu) and copied to Dr R Unmar at (unmarr@uom.ac.mu) by **11 April 2022, at the latest**.

The subject of the email should clearly state “**Research Assistant – “*Software development for Textile Industry*”**”.

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.

15 March 2022

Dean Faculty of Engineering