



UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of **Research Assistant (Full-Time)**, to work on a Tertiary Education Commission (TEC) funded project entitled "**Solving Complex Multi-Dimensional Financial Engineering Problems**", for a contractual period of **fifteen (15) months**.

Qualifications Required:

- A degree in Mathematics or Mathematics with Finance/Computer Science

Profile

Candidates must have:

- Research and communication skills.
- Analytical skills and adequate knowledge in the relevant field of research.
- Sufficient programming skills in MatLab®.
- Good knowledge of PDE methods for option pricing.

Responsibilities & Duties

- Read and summarize research articles.
- Implement numerical methods and algorithms in MatLab®.
- Write reports and research papers.
- Disseminate findings through oral/poster presentations.

Remuneration

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

Duration of Contract

Appointment will be offered for a contractual period of **fifteen (15) months**. The proposed starting date will be **Monday, 1st July 2019**.

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 Science (Attention: Dr Nawdha Thakoor as Principal Investigator), University of Mauritius, Réduit**, AND emailed to n.thakoor@uom.ac.mu and copied to deanfos@uom.ac.mu by **Tuesday, 4th June 2019 at latest**.

The envelope (**and email subject**) should be clearly marked "**Research Assistant for the project entitled Solving Complex Multi-Dimensional Financial Engineering Problems**" 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 Science

Date: 15 May 2019