

# UNIVERSITY OF MAURITIUS

## VACANCY

Applications are invited from suitably qualified candidates for the post of **Graduate Teaching Assistant (GTA)** for teaching the module **MA 2205(3) Numerical Linear Algebra** for the contractual period June 2023 to September 2023 (Semester Two of Academic Year 2022/2023).

### Qualifications Required:

- A degree in Mathematics/Mathematics with Statistics /Mathematics with Computer Science and/or full-time MPhil/PhD students registered at the University of Mauritius.
- Successfully completed the module LLC0050 – Short Courses on Teaching Strategies and Administrative Responsibilities of Part-Time Lecturers.

### Profile

Candidates must have:

- At least a second-class Bachelor's degree with Honours
- Excellent knowledge of Numerical Linear Algebra Topics (Matrix Algorithms and their Computational Costs, Symmetric Positive Definite Matrices, Orthogonal Matrices, QR Decomposition, Givens and Householder Algorithms)
- Excellent abilities in problem solving related to the above topics
- Good communication skills
- Good analytical skills

### Responsibilities & Duties

Under the direct supervision of the Module Lecturer/ Coordinator, the GTA will be responsible for:

- Running of tutorials
- Invigilation of class tests
- Organisational and other cognate duties that may be assigned by the Dean of Faculty

### Remuneration

Rs 400/- per contact hour (GTA)

For a total of 10 contact hours for the purpose of payment (One batch of *face to face tutorial* of 1 contact hour/week each, over a total of 10 weeks)

### Duration of Contract

Appointment will be offered for a contractual period from June 2023 to September 2023 (Semester Two of Academic Year 2022/2023). The proposed starting date will be communicated.

## **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, Faculty of Science (Attention: Head of Department of Mathematics), University of Mauritius, Réduit** AND emailed to [hodfos\\_math@uom.ac.mu](mailto:hodfos_math@uom.ac.mu) and copied to [deanfos@uom.ac.mu](mailto:deanfos@uom.ac.mu) by Thursday 4 May 2023 by noon.

The envelope and email subject should be clearly marked "**GTA- Module MA 2205(3) Numerical Linear Algebra**" 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.

**26 April 2023**

**Dean, Faculty of Science**