

UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of **Postgraduate Teaching Assistant (PGTA)** for teaching the module **MA 2104(3) Complex Analysis** for the contractual period Nov 2022 to April 2023 (Semester One 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 Complex Analysis Topics (Cauchy-Riemann Equations, Cauchy's Theorem, Cauchy's Integral Formulas, Cauchy's Residual Theorems and related applications)
- Excellent abilities in problem solving related to the above topics
- Previous experience as Graduate Teaching Assistant in the Department of Mathematics
- Good communication skills
- Good analytical skills

Responsibilities & Duties

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

- Running of practicals, demonstrations and tutorials on Undergraduate and Postgraduate programmes of studies
- Counselling
- Assist in preparation/revision of module content and selection of text books and reading materials and preparation of instructional materials
- Invigilation of class tests and examinations
- Organisational and other cognate duties that may be assigned by the Dean of Faculty

Remuneration

Rs 500/- per contact hour

For a total of 20 contact hours for the purpose of payment (Two batches of *face to face tutorials* of 1 contact hour/week each, over a total of 10 weeks)

Duration of Contract

Appointment will be offered for a contractual period from Nov 2022 to April 2023 (Semester One 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 and copied to deanfos@uom.ac.mu by Wednesday 9 November 2022 by noon.

The envelope and email subject should be clearly marked "**Postgraduate Teaching Assistant- Module MA 2104(3) Complex Analysis**" 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.

1 November 2022

Dean, Faculty of Science