



UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of **one (1) Research Assistant, for a task-based assignment** to work on the project entitled “**ICT Strategies to Learn History and Geography while Playing at Upper Primary Level**”.

Minimum Qualifications Required:

- Degree in Computer Science or equivalent

Profile of Candidates:

Candidates must have:

- Excellent programming skills in the latest Web Technologies.
- Experience in JavaScript frameworks.
- Experience in machine learning algorithms.
- Experience in game development.
- Experience in back-end frameworks.
- Experience in cloud deployment & hosting
- Experience in the development of responsive websites.

The tasks and their respective expected duration and remuneration are as follows:

Task 1 - (Rs 60,000)

Expected duration: 2 months

- Develop an interactive Web application for learning History
- Ensure alignment with the PSAC syllabus
- Report to the investigators on a regular basis
- Documentation and report writing
- Any other cognate duties

Task 2 - (Rs 60,000)

Expected duration: 2 months

- Integrate gamification features (scoring systems, progress tracking, etc).
- Generate class and individual performance reports
- Test and evaluate the portal
- Report to the investigators on a regular basis
- Documentation and report writing
- Any other cognate duties

Task 3 - (Rs 60,000)

Expected duration: 2 months

- Extend the Web application to include Geography
- Ensure alignment with the PSAC syllabus
- Report to the investigators on a regular basis
- Documentation and report writing
- Any other cognate duties

Task 4 - (Rs 60,000)

Expected duration: 2 months

- Integrate ICT, GIS and AI tools to make the Geography concepts more engaging.
- Integrate gamification features (scoring systems, progress tracking, etc).
- Generate class and individual performance reports
- Test and evaluate the portal
- Write a paper for the whole system
- Report to the investigators on a regular basis
- Documentation and report writing
- Any other cognate duties

Duration of Contract

Appointment will be offered for a contractual period of **eight (8) months**. The proposed starting date will be **3rd November 2025**.

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 Information, Communication and Digital Technologies (Attention: Dr Sameerchand Pudaruth as *Principal Investigator*), University of Mauritius, Réduit** OR **PREFERABLY** by email to s.pudaruth@uom.ac.mu and deanfoicdt@uom.ac.mu by **Friday, 26th September 2025, at latest by 2pm.**

Both the envelope (for the hardcopy, if any) and the email subject should be clearly marked "***ICT Strategies to Learn History and Geography while Playing at Upper Primary Level***".

Incomplete applications or those received after the closing date will **not** be considered.

The University reserves the right:

- to call for interview only the most appropriate and best qualified applicants,
- not to make any appointment as a result of this advertisement.

Dean, Faculty of Information, Communication and Digital Technologies

Date: Tuesday, 9th September 2025