



UNIVERSITY OF MAURITIUS

VACANCY

Task-Based Research Assistant

Closing Date: 3 July 2026

Applications are invited from suitably qualified candidates for a task-based assignment under the research project entitled “Promoting Institutional Democracy through Language Access in Kreol Repiblik Moris and Digital Innovation – T0729”. The assignment concerns **Developing production-ready spell checker engine for Kreol Morisien & Kreol Rodrige**.

Contract Period. The first part of the contract (Tasks 1-5) is for a **period of 15 weeks** and is expected to start around **20 July 2026**. The second part of the contract (Tasks 6) is for a **period of 6 months** and is expected to start after successful completion of Task 5. The selected candidate will not be expected to work on site daily, but must be available for regular online or campus meetings with the research team.

Duties and Deliverables. The selected candidate will work under the responsibility of Dr Baby Gobin, Co-Investigator, and Prof. Arnaud Carpooran, OSK, Lead Investigator. The tasks, deliverables, duration and remuneration are as follows:

Task	Description	Deliverables	Duration	Remuneration
Task 1	Kreol Morisien — production spell-check module	Production-ready spell-check support for Kreol Morisien, including lexicon/rules or model integration, validation dataset, documented accuracy baseline and handover notes. Builds on the existing prototype.	4 weeks	Rs 45,000
Task 2	Kreol Rodrige — production spell-check module	Production-ready spell-check support for Kreol Rodrige, including lexicon/rules or model integration, validation dataset, documented accuracy baseline and handover notes.	2 weeks	Rs 25,000
Task 3	CI/CD pipeline and auto-automated testing	Automated build/deploy pipeline; unit and integration tests for spell-check and related APIs.	3 weeks	Rs 30,000
Task 4	Hosting (production environ- ment)	Provisioned production hosting, environment configuration, basic monitoring/backup arrangement and documentation for operations handover.	3 weeks	Rs 20,000
Task 5	File Input/Export Features	Support free-text input and file uploads (.txt, .docx, .odt); implement file export (.txt, .docx, .odt,.pdf).	3 weeks	Rs 20,000
		Total initial contract value (first 15 weeks)		Rs 140, 000
Task 6	Maintenance Services	Upon completion and acceptance by the research team of the first production-ready spell-check delivery under Tasks 1–5, the service provider will be required to provide maintenance services for a period of six (6) months , commencing on the maintenance start date agreed by the parties. Maintenance services will be remunerated at Rs 20,000 per calendar month and will include upkeep of the service, hosting and CI/CD, monitoring, minor bug fixes and monthly status updates.	6 months	(Rs 20,000 x 6) = Rs 120,000
		Total contract value		Rs 140+ Rs 120 = Rs 240,000

The successful candidate will also report regularly to the investigators, submit source code, prepare documentation and handover notes, and perform any other cognate duties related to the assignment.

Qualifications Required.

- Degree in Computer Science, Applied Computing, Software Engineering or an equivalent qualification.
- Experience in software development, APIs, automated testing, deployment and/or NLP tools is required.
- Experience with spell-checking, language technology, machine learning or Kreol language resources is required.

Mode of Application. Applicants should submit a letter of application, detailed Curriculum Vitae, copies of relevant qualifications, birth certificate, testimonials and equivalence of qualifications where applicable.

Applications should reach the **Dean, Faculty of Social Sciences and Humanities, University of Mauritius, Réduit** by **Friday 3 July 2026 at latest**. Applications may also be sent by email to **acarpoo@uom.ac.mu** and copied to **deanfssh@uom.ac.mu**. The subject line should read: **“Promoting Institutional Democracy through Language Access in Kreol Repiblik Moris and Digital Innovation”**.

Applications 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 and not to make any appointment as a result of this advertisement.

**Dean, Faculty of Social Sciences and Humanities
University of Mauritius**