



Call for Application for 2 Master's scholarships at the University of Rwanda, Regional Centre of Excellence in Biomedical Engineering and e-Health under the SG-NAPI, TWAS funding

1. Background

The University of Rwanda – Centre of Excellence in Biomedical Engineering and eHealth (UR-CEBE), in its commitment to strengthening research output among its trainees, with support from The World Academy of Sciences (TWAS) for the advancement of science in developing countries, a programme unit of UNESCO (hereinafter referred to as “UNESCO-TWAS”), invites applications from qualified candidates to support the implementation of the research project entitled **“Development of Myography Data Acquisition Equipment for Gait Analysis Using AI Techniques and Accelerometer Technology: Implications for Functional Rehabilitation (WALK AID)”**, funded under the UNESCO-TWAS framework.

2. Description

The UNESCO-TWAS framework program will support UR in implementing a research project in biomedical engineering that will prepare graduate engineers for leadership roles in functional rehabilitation device innovation and entrepreneurship. The trainees’ research will address inequitable access to healthcare caused in part by deficits in functioning medical technology by building capacity to establish a medical device industry in the region.

It is in this regard that the UR-CEBE cordially invites motivated candidates to apply for a Master's scholarship to pursue their studies at the Regional Centre of Excellence in the field of biomedical engineering. The candidates should be admitted students at the University of Rwanda, College of Science and Technology, School of Engineering, Regional Centre of Excellence in Biomedical Engineering and e-Health (UR-CEBE).

3. Funding

The program will receive partial funding (tuition fees and research allowance) from the UNESCO–TWAS Programme for the Advancement of Science in Developing Countries, under the coordination of the principal investigator.

4. Application requirements

The candidates should be admitted master’s students and demonstrate their interest in the area of assistive technology and human-machine interface, as well as articulate well-defined research aligned with the area stipulated in the project.

4.1. Eligibility

- Admitted students at UR-CEBE, Biomedical Engineering in the April 2026 intake
- Be a Rwandan by nationality



- Demonstrated ability to think and work independently and in a team
- Ready to adhere to the UR-SPIU grant management framework and regulations
- Having interest and passion in biomedical device development
- Not be older than 30 years for males and 35 years for females
- In line with UR's gender policy and UR's commitment to bridge the gender gap in academic (teaching and research) jobs, all things being equal, female candidates shall be preferred.

5. Application files

The applicant is required to submit the following documents:

- An application letter addressed to the Director of the Centre of Postgraduate Studies, University of Rwanda
- Motivation statement detailing commitment, statement of goals, objectives, and reasons for interest in the scholarship
- An updated CV (maximum two pages), including the applicant's contact details and personal data, listing of possible previous undergraduate projects, and with names of 3 proposed referees with their detailed contacts
- Proof of admission
- Other professional certificates, if available.

6. Selection

The selection of the eligible candidates will be based on their capacity to benefit from the training, and emphasis is placed on previous study results that must be demonstrated by academic credentials and research competencies. An interview of the shortlisted candidates will be organized and will be based on the following:

- Independence in the analysis and organization of earlier work
- Problem formulation and rigor in previous work and in the research plan
- Previously shown ability to keep the specified time limits
- Methodological and scientific maturity
- Communication and cooperation skills
- Subject-specific knowledge relevant to education.

7. Important Date

Application deadline: Applicants are requested to submit the required documents no later than May 4th, 2026.



8. How to apply

All application files must be submitted in soft copy (zipped folder) and should be sent to Mrs. Gloriose Umulisa Gashayija, Scholarships Officer at UR-CPGS, through email: ur-cpgscholarship@ur.ac.rw, Tel: 07929 88304, with a copy to Assoc. Prof. Celestin Twizere, email: c.twizere@ur.ac.rw and Dr. Uwamahoro Raphael, email: r.uwamahoro@ur.ac.rw

Done at Kigali, ^{17.04} /.../... /2026


Assoc. Prof. **KAYIHURA Muganga Didas**
Acting Vice Chancellor