

Office of the Principal

PhD Studies at the African Center of Excellence in Internet of Things (ACEIoT)

Background

The Africa Center of Excellence in Internet of Things (ACEIoT) is established at the University of Rwanda (UR), College of Science and Technology with financial support from the World Bank ACE II project. UR-ACEIoT aims to train a critical mass of African Scientists and Engineers in the field of IoT through Higher Education and Research. This provides a great opportunity for African students to enroll in multidisciplinary post-graduate programs in the field of IoT. ACEIoT will build on UR's existing collaborations with the local and international partners, including Carnegie Mellon University in Rwanda, and the International Center for Theoretical Physics, Italy. This ensures that the training will be conducted by a truly global faculty.

Programs for PhD fellowships

ACEIoT supports PhD fellowships through full or partial scholarships in the following programs:

- 1) PhD in IoT with Specialization in Wireless Intelligent Sensor Networking
- 2) PhD in IoT with Specialization in Embedded Computing Systems

Research topics should focus towards the development of new innovative approaches and solutions with relevance to the ESA priority domains, focusing on low-cost, open and sustainable solutions. The Research outcome should describe an overall working system/product/prototype or a real world deployment experience. Solutions to real world problems faced by the East and Southern African region would be of particular interest.

ACEIoT Partners

Partners to be engaged in collaborative training and research programs at the Center include the following:



Duration of the PhD Programme

The duration of the PhD programme will be four years.

PhD programmes being offered:

PhD in IoT with Specialization in Wireless Intelligent Sensor Networking

PhD in IoT with Specialization in Embedded Computing Systems

College and Campus on which the Programme is Offered:

College of Science and Technology, Nyarugenge Campus

Mode of attendance:

Full-time PhD Programme by research and dissertation/thesis

Payments and Fee Structure for Postgraduate studies:

See the University fee structure downloadable from the University of Rwanda's website:

<http://ur.ac.rw/sites/default/files/Postgraduate%20fees%20amended%20by%20SMC%20on%2016th%20February%202017.pdf#overlay-context=node/17%3Fq%3Dnode/17>

Key dates:

- a. Application deadline: 15th January 2018
- b. Notification of selection: 31st January 2018
- c. Registration and commencement of class: 28th February 2018

Scholarship Modalities and Sponsorship:

There are full and partial scholarship opportunities available on a competitive basis for eligible candidates from Eastern and Southern Africa Region (Kenya, Malawi, Tanzania, Ethiopia, Burundi, Mozambique, Uganda, and Zambia).

Note: Female candidates are strongly encouraged to apply.

Admission requirements:

1. Applicants must have an MSc degree in the relevant discipline of Engineering/Technology (Computer Engineering, Computer Science, Information Technology, Electrical Engineering, Electronics and Communications Engineering) and applicants should have scored a minimum of Second Class Upper division or equivalent at the Bachelor's level.
2. Second Class Upper division is equivalent to a cumulative average > 70% Preference will be given to candidates with work experience in the related field.
3. Applicants must submit a research concept note relevant to the PhD degree sought. The concept note

should not exceed 2000 words. The concept note should clearly define the research problem, elucidate research done so far to address the problem with annotated references, identify gaps, justify the research work to be done, formulate clear objectives, methods, and indicate expected outcomes, how the outcome will tackle problems related to the priority domains such as agriculture, energy, health, etc focusing on low-cost, open and sustainable solutions. Applicants should also submit a copy of the abstract of their Master's thesis as well as copies of their scientific publications.

4. Applicants are encouraged to interact with one or more of our research faculty to identify a possible main supervisor and, informally, meets/corresponds with him or her, or else ACEIoT assists to identify an appropriate main supervisor and introduces him or her to the candidate at the time of admissions.


Please visit the following link for more details <http://www.ur.ac.rw/?q=content/admissions-phd-programs-internet-things> from the University of Rwanda website

Documents Required for Application

- A proof of payment of non-refundable application fee 10,000RWF for nationals and members of East African Community (EAC) and 12,000 RWF for other. The application fees are payable to the University Account Number: UR-INTERNAL REVENUES 00094-0637830-21 Banque of Kigali.
- A cover letter indicating for which program of study the application is being made and description of the motivation to join the program
- A curriculum vitae (CV)
- Notarized Master's and Bachelor's degrees and transcripts
- Recommendation letters from at least two academic referees who are knowledgeable about the applicant.
- Support letter from employer (if any).
- Copies of valid identification card and/or passport.
- Sponsorship letter from an organization (if any).
- Applicants from countries where English is not the medium of instruction must provide an English proficiency certificate from a relevant body or institution in their respective countries.
- Research Concept Note relevant to the PhD degree sought.
- Master's Thesis abstract

Completed applications should be submitted to the to the Head PhD studies of ACEIoT (hadamfr@gmail.com) with a copy aceiot@ur.ac.rw up to 15th January 2018. Applicants must send scanned soft copies of the above listed documents, in a PDF format as one document (i.e. not in separate files as separate documents).

For any inquiries and further clarifications, please visit our website: <http://aceiot.ur.ac.rw>.


Dr. Ignace Gatare
Principal of the College of Science and Technology

