



Admission criteria:

To be admitted to the Master program, candidate should fulfill the following requirements:

1. Have a minimum Second Class Honors Upper Division Degree in the discipline of Engineering/Technology (Computer Engineering, Computer Science, Information Technology, Electrical Engineering, Electronics and Communications Engineering) or equivalent from any recognized Institution. Second Class Upper division is equivalent to a cumulative average > 70%
2. Applicant with a Bachelor's degree in the same areas and specializations with a second class lower division, and with at least 2-years of relevant work experience can be admitted in the programme.

To be admitted to the PhD program, the candidate should fulfill the following requirements:

1. 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.



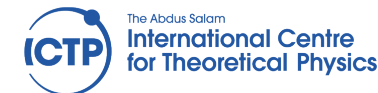
AFRICAN CENTER OF EXCELLENCE in Internet of Things(ACEIoT)



IoT4D

Contact addresses

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Background

In order to deliver relevant and quality education, and applied research addressing key development challenges, the World Bank has funded the Eastern and Southern Africa Higher Education Centers of Excellence Project (ACE II) to establish and strengthen specialization and collaboration in the region.

Established in 2017, the African Center of Excellence in Internet of Things (ACEIoT), is one of 24 Centres established under this project. ACEIoT is established at University of Rwanda, College of Science and Technology with the financial support from the World Bank ACE II Project.

Based at University of Rwanda, College of Science and Technology, our main mission is to educate and train African researchers in the field of internet of Things (IoT), who will develop and deploy innovative IoT enabled services, to address development challenges accross all Eastern and South African (ESA) countries high-priority domains.

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 postgraduate programs in the field of IoT. ACEIoT builds on UR's existing collaborations with the local and international partners, including Carnegie Mellon University Africa, and the International Center for Theoretical Physics, Italy. This ensures that the training will be offered by a truly experienced expert. So far 31 master students have graduated.

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Research and Innovation by Students

Focus Areas

PhD programs

ACEIoT offers the following PhD programs:

PhD by Research in IoT with focus areas:

1. **Wireless Sensor Networking(WSN).**
2. **Embedded Computing Systems(ECS)**

Duration: 4 years, fulltime.

Master's programs

ACEIoT is offering MSc. in IoT with two focus areas:

1. **Wireless Intelligent Sensors Networking (WiSeNet).**
2. **Embedded Computing Systems (ECS)**

Duration: 2 Years, fulltime.

Short Courses

ACEIoT short-term courses :

- 1) Rapid Prototyping for IoT
- 2) Blockchain Fundamentals and Applications
- 3) Critical Assessment of Drone Imaging for IoT: Signals, Sensors, and Systems
- 4) LORA Technologies.
- 5) IEEE GRSS Drone Sensor Deployment
- 5) ICT Human Resources Initiative for Business Development
- 6) Drones and data analysis



Admission process, and details please visit our website:
www.aceiot.ur.ac.rw