March - July 2019 Activities

- Advertisement of CENIT@EA scholarships
- Competitive Selection of CENIT@EA scholarship recipients
- Enrollment of MSc. Embedded and Mobile Systems students

"Information technology and business are becoming inextricably interwoven, I don't think anybody can talk meaningfully about one without the talking about the other." — Bill Gates

CENIT@EA DIRECTORS

Dr. Michael Kisangiri
Prof. Jorge Marx Gómez

"CENIT@EA is established to serve the East African Community. We are dedicated to knowledge advancement and development in the region. Our students are our absolute priority. We want to see them develop as individuals, develop solutions positively impact the society."

— CENIT@EA Directors
Competitively offered, CENIT@EA scholarships are available to citizens of the East African Community. Prospective recipients must demonstrate motivation, interest and inquisitiveness to solve societal problems pursue and successfully accomplish Masters studies. CENIT@EA scholarship covers tuition fees accommodation assistance and research allowance.

**CENIT@EA SCHOLARSHIPS**

**CENIT@EA TIMELINE**
- Scholarship Advertised: February 2019
- Scholarship Application Deadline: April 2019
- Scholarship selection for prospective recipients: May 2019
- Award letters sent to selected recipients/ Acceptance of Award: May 2019
- Student orientation and commencement of studies: June 2019

**SCHOLARSHIP APPLICATION REQUIREMENTS**
- EAC Citizenship
- Admission into MSc. Embedded and Mobile Systems program at NM-AIST
- Meet the established minimum requirements as seen in the advertisement

**NUMBER OF AWARDED SCHOLARSHIPS**
For the first intake, 28 students will receive CENIT@EA Scholarships
Clustered in Information and Communication Technology field, the Masters of Science in Embedded and Mobile Systems (EMoS) is a two year program, offered to full time students at NM-AIST. This program is offered in collaboration with the University of Dar es Salaam, University of Oldenburg, University of Technology and Arts Byumba, German Aerospace Centre, University of Applied Sciences Mannheim and HTW University of Applied Sciences in Berlin, the program is practical centered and harnesses the established international collaboration between Germany and East Africa.
MSc. EMoS Course Structure

EMoS incorporates courses that build students to not only understand embedded or mobile systems but also familiarize with the ICT business environment, innovation and entrepreneurship and ethics. For more details and full list of common core and elective courses please see the NM-AIST prospectus.

SPECIALTY CORE COURSES - EMBEDDED SYSTEMS
- Sensors and Actuators
- Embedded Networking
- Embedded Systems Engineering
- Advanced Applied Electronics

SPECIALTY CORE COURSES - MOBILE SYSTEMS
- Applied Information systems
- Mobile Telecommunication Technology
- Mobile Commerce
- Mobile Application Development

ELECTIVE COURSES
- Testing of Embedded Systems
- RFID Systems
- Safety Critical Systems
- Embedded Systems in Traffic Applications
- System Development Methodologies
- Machine Learning
All nationalities are invited to apply for MSc. Embedded and Mobile systems, however CENIT@EA scholarships are available for EAC citizens only. For more information on immigration and entry requirements, visa application, exemptions and other necessary information for foreign nationals traveling to Tanzania, please visit the Ministry of Home affairs - Immigration website.

Visa application guidelines

NM- AIST is located in the outskirts of Arusha Tanzania. From Kilimanjaro airport one may arrive via the USA River EAC Road, the Tengeru Veterinary College or military staff college roads. From Arusha city center via the Nelson Mandela-Nyerere - Old Moshi Road
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