



2022 National Communications Conference



State Minister for ICT and National Guidance Hon Godfrey Kabyanga Baluku

While officiating at the opening ceremony on Monday 20th June 2022, the State Minister for ICT and National Guidance Hon Godfrey Kabyanga Baluku expressed happiness for being part of the event, one of those marking the year-long Mak@100 celebrations. He said his Ministry through UCC had supported the University in a number of leading to ICT skills acquisition. “The theme of the event speaks to the Government vision of leveraging ICT to spur development and it emphasizes

the role of ICT in mitigating day to day challenges .

Minister Baluku said his Ministry was facilitating all the ICT structures to ensure that they work as expected and lead to improved conditions of living. He said Government was committed towards supporting the 4th Industrial revolution through programs like the Internet of Things, and Robotics.

“The Digital world is unstoppable

You either go digital or remain backward,” he said adding that with the Parish Development Model, Government was working towards ensuring that internet access gets to Parish level.



CEDAT staff gets sensitized about the operations of the Grants Administration and Management



The Grants Administration and Management Support Unit (GAMSU) has been asked to provide early-career support and mentorship in order to support the upcoming researchers participate actively in the search and acquisition of grants.

Another issue of concern was the need for GAMSU to address co-funding, a requirement in some of the grants, which funds were not readily available leading to failure to win certain grants.

This and more were some of the deliberations in a discussion that followed presentations made during the sensitization meeting by the team from GAMSU to the staff of the College of Engineering, Design Art and Technology held in the college Wednesday 4th May 2022

Prof. Gidudu who represented the Principal CEDAT, Prof. Henry Alinaitwe at the meeting expressed optimism that the Grants Administration and Management Unit once fully institutionalized and

operational would help in streamlining and actually improve the running of programs and grants.

The Head Prof. Grace Bantebya Kyomuhendo explained that GAMSU was instituted to help realize the University's objective of being research-led. She allayed the fears of the participants and the rest of the University community by explaining that GAMSU was to offer support services but not take over the implementation of the projects in the Colleges.

The meeting was attended by members of the GAMSU steering committee representing the sciences, Dr. Sabrina Kitaka and Assoc. Prof. Agnes R. Semwanga who took off time to react to some of the issues raised in the meeting.

Seven Architecture Students Awarded



Seven Architecture students from the College of Engineering, Design, Art and Technology (CEDAT), together with their tutors were awarded with plaques in appreciation of the commendable work done in the design of several proposals for the new Makerere University Hospital. The students did this as part of the mandatory design portfolio assignment.

Prof. Josaphat K. Byamugisha, the Director Makerere University Hospital handed over the tutors' plaques to Dr. Arch. Kenneth Ssemwogerere, who received Dr. Arch. Assumpta Nnagenda Musana's plaque as well. The tutors are Senior Lecturers in the

Department of Architecture and Physical Planning. The seven students also received plaques at an event held ~~in~~ at the University hospital yesterday 12th May 2022.

'Uganda has talent, we need to build it and blow it out' said Prof. Byamugisha during the event. He expressed his appreciation to the Architecture students for the commendable work done under the supervision of their tutors. He said that the genesis of the project was when the students came in and expressed the need to do something in the hospital

Prof. Byamugisha said that the designs as presented by the students were very impressive and pledged to involve the students in the upcoming project of the design and construction of the University teaching Hospital, whose funding had been received by the University.

'Some of you are unaware of how people perceive you in society. You have come out to show who you are, propelling yourselves to greater heights said the visibly overjoyed and impressed Director, in the company of other staff of the University Hospital. He said that there were plans to improve the University Hospital in all aspects.



CEDAT awards best performing students during the 72nd graduation ceremony



On Friday 27th May 2022, The College of Engineering, Design, Art and Technology (CEDAT) presented students to the Chancellor Makerere University Prof. Ezra Suruma for graduation. The event which was the 5th and last session of the 72nd Graduation ceremony saw the award of outstanding students who graduated with First Class Honors degrees.

The Plagues were handed over by the Chancellor of Makerere University Professor Ezra Suruma in line with the culture of the college that recognizes the academically outstanding students.

The awardees included Mr. Musinguzi Denis, Bachelor of Science in Electrical Engineering, who got a First Class Honors degree with a CGPA of 4.74. In second position was Ms. Asiimwe Vanessa Elina, Bachelor of Science in Quantity Surveying offered in the School of Built Environment who got a First Class Honors Degree with a CGPA of 4.69.

Mr. Ssempala Joseph as the best student from Margaret Trowell School of Industrial and Fine Art, First Class Honors Degree with a CGPA



Mr. Musinguzi Denis and Ms. Asiimwe Vanessa Elina

The Principal of the College Prof. Henry Alinaitwe presented graduands who graduated with PhDs and thanked God for serving Makerere University in two capacities as the Principal College Engineering, Design, Art and Technology and Deputy Vice Chancellor in charge of Finance and Administration. He congratulated CEDAT staff that graduated with PhDs namely **Dr. Brian Makabayi**, **Dr. Sarah Nakisanze** and **Dr. Allan Mazimwe**.



Dr. Brian Makabayi seated on the right



Dr. Allan Mazimwe.

While addressing himself about the College of Engineering, Design, Art and technology, Prof Nawangwe informed that gathering of some of the developments that made the University proud. He said that on July 21st, 2021 The University commissioned a state-of-the-art Scanning Electronic Microscope that was installed at the College of Engineering, Design, Art, and Technology. The equipment, procured by the government at Shs 2.6 billion will help researchers undertake studies and investigations in Materials, Nanotechnology, drug analysis, forensics, and biomedical engineering, among other things.

While addressing the graduands, Prof Suruma said the word out there was filled with a number of challenges citing the war between Russia and Ukraine that has affected the economic stand of the country which calls for new solutions for survival by being more aggressive and creative.

While citing the example of the Uganda Martyrs, the Chancellor said these made a stand for what they believed and paid with their lives. 'As long as the challenges of poverty and injustice remain, we have no choice but to struggle for solutions for survival in our world', he counseled the graduands.



The Vice Chancellor Makerere University, Prof. Barnabas Nawangwe



The Chancellor Makerere University Dr. Ezra Suruma

Makerere University students skilled on applications of space technologies for natural resource management



Students in the College of Engineering, Design Art and Technology (CEDAT) have been equipped with software knowledge and skills in the mapping and surveying industry by the Regional Centre for Mapping Resources for Development (RCMRD) in partnership with SERVIR Global and the Department of Geomatics and Land Management Makerere University.

The three-day workshop was held from 25th to 27th May at CEDAT conference hall. A total of fifty (50) students trained on access of Earth Observation data, available platforms, and Earth Observation data-based methods for natural resource monitoring.

The workshop also entailed an exhibition of state-of-the-art Earth observation technologies from which students were tasked and grouped to present their ideas and innovations in solving the country's environmental problems.

Dr. Venny Nakazibwe, the Deputy Principal welcomed the trainers and participants to CEDAT and Makerere University in her opening remarks delivered on behalf of the Vice Chancellor Prof. Barnabas Nawangwe. She said the training was jointly organized by the Department of Geomatics and Land Management Makerere University was very crucial in the preparation of the students for the world of work.

Dr. Ronald Sengendo on behalf of the CEDAT administration thanked Regional Centre for Mapping Resources for Development (RCMRD) for emphasizing community impact and student trainings.

The “**KUZA club**” an umbrella body for university students seeking community impact through Environmental solutions and mapping.



USAID pays a courtesy Visit to College of Engineering, Design, Art and Technology Makerere University



Professor Vennie Nakazibwe in the middle

On Monday 9th May 2022, The United States Agency for International Development (USAID) in collaboration with the Resilient Africa Network (RAN) paid a courtesy visit to the College of Engineering, Design, Art and Technology (CEDAT) to appreciate its works through laboratory-based innovations to impacting communities.

This Delegation included Professor Maggie Linak the Resilient Africa Agreement Officer Representative and Janet Ellzey a professor of mechanical Engineering at the university of Texas United States who first met with the university vice chancellor and patron RAN professor Barnabas Nawangwe are in Uganda for capacity building of the Resilient Africa Network team and the community projects supported by the USAID under Resilient Africa Network (RAN).

Professor Linak and Ellzey appreciated the works done in the mechanical, fluids, statistical and Systems laboratories of CEDAT including in particular the Net Labs that is hosting a summer engagement of computer language fascinated fellows equipping them with advanced networking and machine learning.

The Deputy Principal of the college of Engineering, Design, Art and Technology Professor Vennie Nakazibwe applauded the chief host for the delegates Dr. Dorothy Okello who also serves as the Dean school of Engineering for her outstanding networking and negotiation abilities that have seen a number of donors interested in works that happen at CEDAT.

“We do appreciate the support USAID has given to us and the students as we continue to impacting communities through our innovations”, added Prof Nakazibwe.

The Dean school of Engineering Dr. Dorothy Okello welcomed the team to CEDAT “*the home of Innovations*” as referred to by many and appreciated Resilient Africa Network under the visionary leadership of Professor William Bazeyo for being one of CEDAT’s biggest supporters