

UGANDA INSTITUTE OF INFORMATION AND
COMMUNICATIONS TECHNOLOGY

NEWS LETTER

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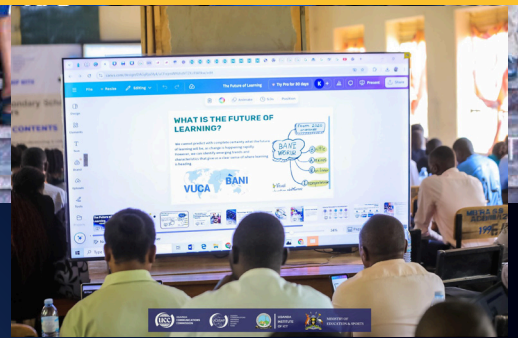
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UICT Partners



KEY MILESTONES



750 secondary teachers undergo digital skills training



UICT develops new Strategic Plan 2025/26 - 2029/30



Five UICT interns selected for prestigious JICA Program in Japan



UICT scoops NCHE award



UICT Graduates Over 600 Professionals to Drive Uganda's Digital Future

UICT graduated over 600 professionals in ICT, engineering, business and management at its 18th Graduation Ceremony held on 28 November 2025. Presided over by Dr. Chris Baryomunsi, Minister of ICT and National Guidance, the ceremony emphasized the role of graduates in solving national development challenges through innovation, job creation and ethical leadership.

Dr. Baryomunsi encouraged graduands to develop home-grown digital solutions, noting the availability of government funding to support graduate-led innovations. Dean Munene, UICT's Governing Council Chairperson, called on graduates to match technical competence with integrity and patriotism.

Dr. Fredrick Kitoogo, Principal-UICT highlighted the institute's progress in expanding access to ICT education, introducing new competency-based programmes and attaining international recognition as an International Telecommunications Union (ITU) Digital Transformation Center. The graduation reaffirmed UICT's commitment to building skilled talent to power Uganda's digital transformation.

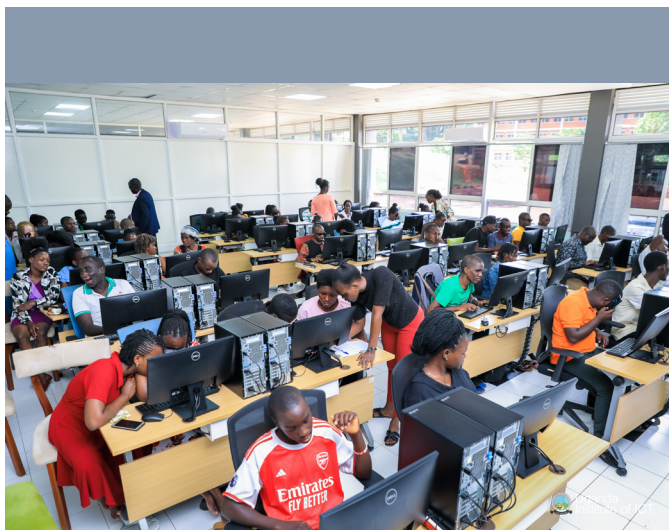


UICT Empowers 120 Visually Impaired Learners with Digital Skills Kampala, Uganda

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UICT certified 120 visually impaired learners who completed the Introduction to Computer Basics for the Visually Impaired (ICBVI) program held at the National Innovation Hub in Nakawa. The program aims to advance inclusive digital transformation and ensure equitable participation in Uganda's digital economy. Participants were equipped with essential computer skills using assistive technologies such as JAWS and NVDA, enabling independent use of digital tools and access to online opportunities. Dr. Irene Nakiyimba, the Deputy Principal – UICT, emphasized the institute's commitment to digital inclusion and called for greater investment in accessible digital infrastructure and inclusive training models.



MINISTRY OF ICT & NATIONAL GUIDANCE

A Knowledge and Productive Society driven by ICT & National Ideology

The impact of the program is already evident, with graduates from earlier cohorts returning as trainers and earning income through digital work. Trainers and participants highlighted the life-changing nature of the skills gained, particularly in improving employability and digital confidence.

UICT plans to expand the program by certifying additional inclusive digital trainers by mid-2026, strengthening nationwide access to digital skills for visually impaired persons. The initiative is part of the International Telecommunication Union's Digital Transformation Centres Initiative, supported by NORAD and the ST Foundation.

UICT champions digital transformation through nationwide ICT retooling programme

Between 1st and 14th September 2025, UICT, in partnership with Uganda Communications Commission (UCC), rolled out a landmark nationwide ICT Retooling Programme, reaching 750 secondary school teachers from underserved communities across Uganda.

The programme was designed in response to the urgent need for enhanced digital competencies within Uganda's education sector. As digital learning becomes central to modern pedagogy, many teachers, especially in rural and underserved areas, struggle with limited access to ICT tools and training. The programme directly addressed this gap by equipping secondary school teachers with practical, hands-on digital skills needed to effectively integrate technology into their classrooms.

The training sessions were conducted in Fort Portal (Mpanga Secondary School); Moroto (Moroto High School) and Mbarara (Mbarara Secondary School). Over the two weeks, participants received intensive instruction in: Digital Literacy and Cybersecurity; Educational Technology Tools including Google Workspace, Moodle, Canva and Padlet, to support content creation, lesson planning and collaborative learning and Global Learning Platforms like Coursera to help teachers continuously upgrade their skills through global content.

John Muya, a Math and Physics teacher at Apostles of Jesus Seminary in Moroto testified to the impact that the programme had on him.

"I have gained skills to use tablets to create lessons and set tests and exams. This training has opened my eyes to new ways of engaging my students and I appeal UICT for more of these trainings," he said.

To ensure lasting impact, UICT established Digital Teacher Champions in each participating school. These champions will serve as peer mentors and ICT focal points, promoting continuous learning and technology adoption among fellow teachers.

By empowering teachers with 21st-century digital skills, this initiative not only strengthens classroom delivery but also contributes to bridging Uganda's digital divide, one educator at a time





The 14th Annual East Africa Information Security Conference

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Dr. Fredrick Kitoogo, Principal - UICT, presented his innovative custom GPT model instance - PlanGPT at ISACA's 14th Annual East Africa Information Security Conference themed: Thriving in the Era of Disruptive Technology. PlanGPT is an AI assistant tool to demonstrate how generative AI can be used to guide different stakeholders through every stage of the planning and budgeting cycle in the public sector. This tool clarifies roles, provides guidance and schedules tasks among other roles.



Freshers' Orientation: Welcoming the New Generation

On Monday, 18 August 2025, UICT officially opened its doors to more than 1,000 first-year students who will be embarking on diploma and certificate courses across various programmes. The event marked the commencement of the institute's Orientation Week, a vital launch-pad into their academic journey. The week-long event brought together faculty, administrators and guest speakers to equip first-year students with the tools and knowledge needed for academic and personal success. The orientation focused on holistic student development, with sessions on responsible use of social media, personal and campus security, and financial management. Students were reminded of the importance of maintaining ethical behaviour both online and offline.

By addressing the academic, administrative and personal dimensions, the orientation set a strong foundation for the new students.





UICT Shines at UNESCO Africa Engineering Week

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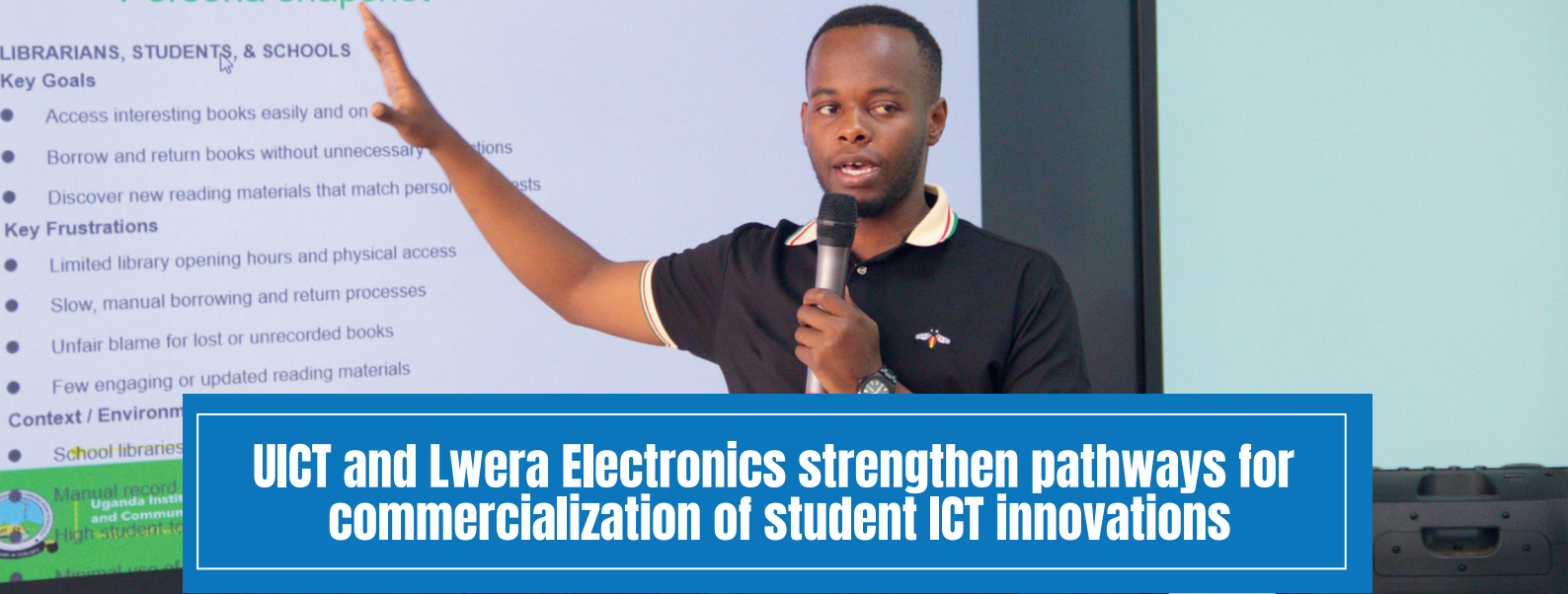
The Uganda Institute of Information and Communications Technology (UICT) emerged as one of the biggest highlights at the 11th UNESCO Africa Engineering Week and the 9th African Engineering Conference, held from 15th to 18th September 2025 at Speke Resort Munyonyo. The event, organized by Uganda Institution of Professional Engineers (UIPE), brought together policymakers, engineers, innovators, and industry leaders under the theme: “Engineering for Sustainable Development in Africa: Addressing Climate Change and Building Resilient Infrastructure.” Key dignitaries included Rt. Hon. Anita Among, Speaker of the Parliament of Uganda, who represented President Yoweri Kaguta Museveni, alongside leaders from Kenya and the East African Legislative Assembly.



Student innovators, Frank Muhindo and Lillian Lwanja, stood out by winning the 2nd Runners-Up Award for their project, the Temperature and Dust Monitoring System (TDMS). TDMS is an Artificial Intelligence powered Internet of Things solution designed to safeguard coffee quality in storage warehouses. By monitoring temperature, humidity and dust, TDMS helps ensure Uganda’s coffee retains its world-class standard from storage to market. Adding to this triumph, the institute was honored with a Bronze Award for its outstanding role in ICT skilling and innovation development with tools such as Augmented and Virtual Reality (AVR) which demonstrate how immersive technologies transform education.

The four-day conference was officially opened by Rt. Hon. Anita Among, Speaker of the Parliament of Uganda, who represented President Yoweri Kaguta Museveni. In his message, the President emphasized Africa’s urgent need to embrace science and technology as drivers of industrial transformation, with energy and transport identified as key priority sectors. He noted that technological innovation has always been the cornerstone of human progress and poverty reduction.

In her remarks, Speaker Anita Among commended UICT’s commitment to scaling ICT training and pledged continued parliamentary support to strengthen the institute’s capacity. She lauded its efforts in empowering the next generation of innovators who are shaping Uganda’s future.



UICT and Lwera Electronics strengthen pathways for commercialization of student ICT innovations

The Uganda Institute of Information and Communications Technology (UICT), in partnership with Lwera Electronics and Semi-Conductors Ltd, has successfully concluded Phase I of the UICT–Lwera Innovations Project following a closeout ceremony held at the National Innovation Hub. The initiative aligns with UICT’s mandate under the National Development Plan IV to promote applied ICT research that responds to real-world challenges and supports national development

The ceremony showcased several student-led innovations, including a solar-powered silver-fish dryer, smart security and monitoring systems, assistive technologies, and digital solutions for agriculture, health, and campus life. These projects demonstrated the potential of student research to move beyond academic prototypes into market-ready solutions.

UICT’s Research and Innovations Lead, Gastervas Rutwara, emphasized that the partnership with Lwera Electronics is designed to guide student innovations through the entire innovation lifecycle, from ideation and validation to prototyping, testing, and eventual commercialization. He highlighted the importance of industry collaboration in ensuring that applied research contributes to job creation and socio-economic development.

Representing the National Innovation Hub, Sandra Abwin encouraged students to adopt a strong user-centered approach, reminding them that successful innovations are driven by real user needs. Meanwhile, Lwera Electronics CEO Ivan Karugaba called for stronger academia–industry linkages, proposing innovation-focused industrial parks to accelerate collaboration and scaling.

Providing a technical overview, industry expert Bonita Nanziri explained that Phase I focused on user research, problem validation, and opportunity identification. She noted that Phase II will concentrate on prototyping, rapid testing, and user feedback to prepare innovations for piloting and commercialization.

As the project advances into Phase II, stakeholders expressed optimism that the programme will continue to empower young innovators, foster employment opportunities, and support Uganda’s digital and socio-economic transformation.





UICT partnered with the International Labour Organization (ILO) and successfully equipped 28 local facilitators with skills to deliver immersive learning experiences and social dialogue sessions with AVR technology.

All Round News

The Good



Congratulations to Ms. Agnes Lumala, UICT's Academic Registrar on excelling in the Certified Data Privacy Solutions Engineer (CDPSE) certification from ISACA.



Students Conrad Gumisiriza and Mark Mukwaya underwent a two-month internship in Japan developing their smart innovations.



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The Bad



Our Deputy Principal, Dr. Irene Nakiyimba lost her father Prof. Livingstone Luboobi in July 2025.



UICT community mourns the loss of Judith Agaba who was a first-year student pursuing a Diploma in Computer Science. Judith passed on following a nasty motor accident on Wednesday 5th November 2025.

