DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY
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A DeKUT Alumna wins a 3.6M Grant in the MbeleNaBiz Business Plan Competition



Unemployment is one of the biggest challenges facing young people in Kenya and Beyond. Various entities have started initiatives to provide solutions to this challenge by encouraging an entrepreneurial spirit among the youths and empowering them to venture into businesses. One such initiative is the MbeleNaBiz working in partnership with Kenya Youth Employment & Opportunities Project (KYEOP), World Bank and the State Department for Youth. MbeleNaBiz runs a Business Plan Competition that aims to invest in young entrepreneurs in Kenya by providing grant funding of KES. 900, 000 or 3.6 Million.

In the most recent competition, our alumna Caroline Wangari Muhia won the highest grant of 3.6M after participating in what she called a tedious process but one that enabled her to sharpen her proposal writing skills, pitching skills as well as crafting and refining her Eco - homes business expansion idea.

Wangari is our Bachelor of Commerce graduate and the CEO of Matla Group Limited- a real estate company formed in 2018 to provide affordable ready-to-build investment solutions in the form of land to Kenyans looking to develop homes immediately in the near future.

Using the 3.6M grant money, Malta Group Limited will be the lead developer of Eco-friendly homes using locally available resources. Wangari says that the drive towards this idea is because a sudden housing crisis burdens a majority of low-middle income earners as rental rates increase while the available, affordable rental units are shrinking, exposing them to negative impacts caused by housing insecurity.

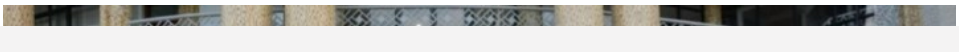
Several other alumni of DeKUT participated in this competition, with some of them winning the KES. 900,000 grant. We congratulate Wangari and wish her the very best in her venture as an individual and the top leader of Malta Group Limited.

Visit by the Kenya Bureau of Standards (KEBS) National Standards



Since its inception, the University has always focused on improving the society and making life better through quality education and technology. For this reason, the University powered the 1st kind of speed governor known as the BlackkBoxx, which is also approved by the Kenya Bureau of Standards. This is among other projects approved, such as the hand sanitizers, ventilator and Personal Protective Equipment (PPEs) used to combat the COVID-19 pandemic.

On 3rd March 2021, the Kenya Bureau of Standards (KEBS) National Standards Council and the CEO, Col. (Rtd) Bernard N. Njiraini, paid a courtesy visit to the Vice Chancellor, Prof. Ndirangu Kioni, to discuss further partnerships and development. Some of the sections they visited at the University include; Semiconductors Technologies Limited, Food Science Laboratory, among others.





Kenya Alumni Engagement Program holds its 1st Alumni Speaker Series at Muranga University of Technology



The Kenya Alumni Engagement Programme organized the first Alumni Speaker Series at Murang'a University of Technology on 4th March 2021. The programme, a partnership between Cultural Vistas, the United States and Dedan Kimathi University of Technology, aims to enhance Health, Peace and Security, Economic Empowerment, and the Rule of Law in Kenya.

The speaker, Ms. Cecilia Wairimu, a youth mentor, gender advocate, a community change agent and an alumnus of two U.S Government funded programs; Multinational Exchange Sustainable Agriculture and Young Africa Leadership Initiative, addressed the issue of mental health, which has affected many young people and encouraged them to be resilient and avoid peer pressure which may lead to drug abuse.



DeKUT joins the world in celebrating "World Engineering Day."





The celebration of World Engineering Day is also about

The World Engineering Day for Sustainable Development was proclaimed by UNESCO at its 40th General Conference in 2019. This day is celebrated worldwide on 4th March since 2020 and it offers an opportunity to highlight engineers and engineering achievements in our modern world and improve public understanding of how engineering and technology are central to modern life and sustainable development.

In line with this, the Institution of Engineers of Kenya (IEK) organized various activities to celebrate the day across all the branches. At DeKUT, the IEK Central Branch organized a student mentorship programme where Registered Professional Engineers mentored the engineering students on their post-graduation journey in the engineering profession.

promoting engineering as a career and how it can change the world for the better. Issues such as climate change, environmental issues, our growing cities and the challenges of new technologies, including artificial intelligence, are addressed during this day.



Vice Chancellor, Prof. Ndirangu Kioni, gives out sports equipment ahead of the Kenya National Trials



Sports and games activities have continued to increase as the University continues to develop its sports facilities. In line with this, the Vice Chancellor, Prof. Ndirangu Kioni, gave out various sports equipment to the sports department to supplement the existing ones as a way of facilitating the participants for the Kenya National Trials at Kasarani.

The University participates in games and sports at both friendly and competitive levels. The major competitions include Kenya University National Sports Association (KUSA) championships, the annual East African Games competitions, and tournaments. The University teams have been performing well at all levels.

In the most recent competitions, we were privileged to be selected as one of the best universities among the 17 universities during the 10th Women Championship at the Technical University of Mombasa. These segments of co-curricular activities play a crucial part in nurturing talents amongst our students and serve as healthy recreational activities



DeKUT produces the best female athlete during the 10th Women Championship



Faith Kaswi, a second-year student pursuing Bachelor of Science in Mechatronics Engineering, emerged as the best female athlete during the 10th Women Championship at the Technical University of Mombasa. Since she joined DeKUT in 2019, she has participated in various sports such as hockey and soccer. During the regional soccer competition in Kirinyaga, the Sports Officer, Mr. Stanley Ngata, selected her to represent the University in women athletics. This is where she got the chance to participate in the 10th Women Championship and emerged as the best female athlete.



Overall, the University team emerged position two among the 17 universities represented. Congratulations to the team as we look forward to the next competitions that will be happening at Kasarani for the KUSA qualifications to the national team.

Visit by The Ambassador of France, H. E. Aline Kuster-Ménager







On 18th March this year, we were privileged to host the French Ambassador of Kenya and Somalia, H. E. Aline Kuster-Ménager, who visited various places at the University such as: DeKUT Film, Animation and Gaming Hub, Semiconductor Technologies Limited, Coffee Lab, Computer Lab and Engineering Labs. She was pleased with various innovative projects from the students and commended the University for what she referred to as a great job. She also expressed interest in further collaborations

During her visit, Her Excellency also interacted with several French Universities Alumni; both Lecturers and Students, from the School of Engineering, School of Computer Science and IT and the Institute of Tourism and Hospitality Management.

Training on Digital Forensics Proficiency



Digital Forensics is the process of preservation, identification, extraction, and documentation of computer evidence that can be used by the court of law. It is a science of finding evidence from digital media like computers, mobile phones, servers, or networks. It provides the forensic team with the best techniques and tools to solve complicated digital-related cases. To enlighten people on this field, our Institute of Criminology, Forensics and Security Studies, in collaboration with Dedan Kimathi University Enterprises (DeKUTES), held a five-day training on Digital Forensics Proficiency.

The course attracted participants from the Kenya Defense Forces, National Police Service, Directorate of Criminal Investigations and Private Security Companies. Some of the areas covered include: Introduction to Digital Investigations, Computer & Mobile Forensics, Windows Hands-On Forensic Techniques, Email Forensics - Investigation Techniques, Hands-On Email Forensic Analysis, Mobile Forensics and Imaging & Analysis, Android Hands-On Forensic Techniques.





DeKUT staff members participate in the Annual Nyeri Hospice Golf Tournament

Nyeri Hospice is one of the hospices in the country where patients with life-threatening illnesses seek comfort for pain management and control of these illnesses distressing symptoms. On 20th March 2021, the hospice hosted their annual Golf Tournament at the Nyeri Golf Club. DeKUT staff members and other golfers participated in this tournament as part of Corporate Social Responsibility (CSR).

The charity golf tournament aims at sensitizing the community about palliative care services and raise funds for the hospice core mandate; the funds are used to buy medicine and other medical supplies for the cancer patients taken care of at the hospice and offset administrative costs.



Player	Score	Comments
PROF. MATTHEW THEURI	52 pts	
ROSE KOMU	46 pts	
DR PAUL SANG	44 pts	
FR. HERMAN KIBOI	42 pts	
ENG.JACINTA MWANGI	41 pts	
DR PAUL NJUGUNA	40 pts	
Susan Ngure	39 pts	
RACHEL KARURI	38 pts	
S.W.N GITHITU	38 pts	
ROBERT GAKINYA	38 pts	
KHIJAN SHAH	38 pts	
DR. MUNENE MUTUNE	38 pts	
JACOB NYAGA	37 pts	
C WANJAU	37 pts	



A Brief on Dedan Kimathi University Farm

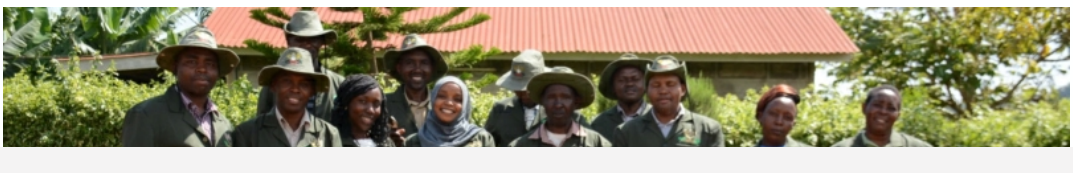
Quality Education, Research and Technology Transfer is core at Dedan Kimathi University of Technology. As a result of this, the University has a farm that offers fresh organic products at subsidized prices.

Dedan Kimathi University farm adopts the role of income generation in addition to providing opportunities for research in crops and animals. There are three main sections: Coffee, Diary and Horticulture and several acres reserved as biodiversity refuge points. The total acreage under coffee is 295, with a tree population of 179,879. Currently, the major varieties include Batian (65%), Ruiru 11 (15%), grafted Ruiru 11 (5%) and selected blocks of SL 28 (15%). Batian, a true-breeding variety, is the most preferred variety in the farm for its excellent characteristics, including strong deep roots that extend deep into the root zone, tolerant to leaf rust and coffee berry disease, and its high yield compared to the varieties.

In collaboration with Coffee Research Foundation (CRF), the farm started a coffee nursery in 2012 to produce high-quality coffee seedlings for the gradual replacement of the old coffee trees and distribution to farmers in the region. The nursery has 9 propagators used for the seeds' germination before they are transplanted into plastic bags and has a capacity of 140,000 seedlings. Current seedlings total to 104,075 (main varieties are Ruiru hybrid and Batian).

The area under horticulture is 40 acres with 8 acres under drip irrigation and 5 greenhouses. Major crops include common vegetables, beans, green maize, arrowroots and bananas. The livestock section specializes in Holstein Friesian dairy cows, pigs, goats and sheep. The farm currently has 63 cows, 49 pigs and 118 sheep & goats.

Daily farm operations are supported by various machinery, including an elaborate irrigation system, three tractors, one lorry, and several other equipment. For more information on how to purchase the farm products visit and like the farm's Facebook page at https://www.facebook.com/DeKUTKenyaFarm or call the farm manager on 0721551163 .





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