

Dedan Kimathi University of Technology (DeKUT)

Dedan Kimathi University of Technology (DeKUT) is a Chartered Public University that has two campuses:

- The Main Campus is located 6 KM from Nyeri town along Nyeri-Nyahururu highway.
- The Nairobi Campus is located at Pension Towers, Loita Street.

The location accords students a serene and enabling learning environment. The Institution endeavors to provide academically stimulating, culturally diverse, and quality learning environment that fosters research, innovation, and technology development towards producing relevant technical and managerial human resources and leaders to contribute to the attainment of national development goals.

Credibility of our Courses

At DeKUT, we note that technological development requires not only the mastery of techniques but also the ability to establish and run successful enterprises. Our mix of academic programs are spread over Engineering, ICT, Food Technology, Health Sciences, Applied Sciences, and Business Studies - fit for this purpose. Of critical importance is that all our Academic Programs are accredited by both local and international accrediting bodies. Locally, the University's Programs have been accredited by the Regulatory Body, Commission for University Education, and respective Professional Bodies where they apply.

Value for Time

Through effective application of the trimester system of study, DeKUT ensures that her students complete their courses within the shortest time possible while not compromising quality. For instance, students taking a four-year course graduate within three and a half years while those taking a five-year course graduate within four and a half years. Apart from the trimester system, time advantage is a privilege that DeKUT students get through ensuring that the semesters and learning are not interrupted by strikes and any issues that can be solved amicably between the students and management as well as the management, staff, and the government. As the Vice-Chancellor likes to say, "Time is a valuable resource that once wasted can never be recovered and proper utilization of time sets you apart."

Keen on Quality Education and Holistic Development

At DeKUT, we understand that education is not just about academic knowledge and skills but holistic development of a person. Through involvement in various co-curricular and extra-curricular activities within the university; academic tours, sports, community service, clubs, environmental programs, outdoor excursions, and Mt. Kenya expeditions, we help students become the best they can be by developing their intellectual, emotional, social, physical, artistic, creative, and spiritual potentials.

State of the Art Facilities

At DeKUT, we do not gamble with quality. The University has invested in facilities geared towards providing students education that does not just give them good grades but adds value. From laboratories where students interact with the most modern machines and technologies with the help of their lecturers and the lab technicians to the library that provides competitive, adequate, and relevant information services in support of learning, teaching, and research. Several students have featured with great innovations developed using these technologies and others have challenged the existing technologies through research.

Promoting Research, Innovation, and Entrepreneurship

Quality Education, Research, and Technology Transfer is core at Dedan Kimathi University. It is as a result of this that the University has a trade mark of locally produced coffee from the University farm, yogurt in three different flavors (coffee, strawberry, and vanilla) as well as Chia and Bamboo yogurt. Training of students backed by practical sessions in the Food Technology Workshops gave birth to these products. The Director IGBT, Dr. Eddy Owaga, says that the Institute looks forward to maintaining the best quality in all the products. The next plan is to develop other value-added products from non-conventional fruits and vegetables towards satisfying the demand for natural healthy foods. The institute will later diversify to meat products particularly sausage from the pork reared at DeKUT farm. Our students from the institute of food and bioresources technology are involved in such processes enhancing what they learn in class.

The University, in 2015, established an innovation and incubation centre (DeHUB) aimed at inspiring innovation and entrepreneurship by way of transforming innovative ideas emanating from within and outside DeKUT community into products, processes, and services for commercial exploitation. Students taking different courses are mentored from this centre into creating enterprises and becoming their brands by using what they learn in class as their base. That way, we do not just graduate job seekers but job creators and contributors to national development. So far, several projects from students have been incubated and some are at the commercial level. With the science park construction at the University underway, this is just the tip of the iceberg.

Ventures and Collaborations

DeKUT continuously establishes partnerships and collaborations towards enriching the training offered to her students. Some of the Universities which DeKUT has collaborated with are from Countries such as Japan, Germany, France, Canada, and Hungary. Students and staff benefit through these collaborations by working together in exchange for technology and training towards enhancing education quality.

2016 saw us venture into 3D printing

Rapid prototyping (RP) has been an ongoing research among M.Sc. Advanced Manufacturing & Automation Engineering students at Dedan Kimathi University of Technology (DeKUT). RP is an emerging collection of materials processing technologies and business practices, which together shorten product development cycles. RP technologies are frequently used towards the beginning of the product development lifecycle to create

prototypes or parts used to test and verify designs before full-blown production begins. RP utilizes a number of different additive manufacturing methods such as 3D Printing, Stereolithography, Selective Laser Sintering, Fused Deposition Modeling, etc., to create real objects from a CAD file. This venture will inspire technological growth in the University and the Nation by enhancing engineering skills among the students. This will help bridge the gap between the Institutions of higher learning and Industries.

Another venture is the introduction of Siemens Mechatronic Systems Certification Program (SMSCP)

Manufacturing, packaging, and other systems are becoming more complex and pervasive, and more knowledge is required to design, operate, and maintain them than ever before. Complex mechatronic systems are the nexus of mechanical, electrical, and computerized technologies. There is a growing need for qualified people with up-to-date knowledge of integrated mechatronic systems. A world leader in mechatronic engineering, SIEMENS, has responded to this need by creating an industry certification program that will help students, workers, industries, teachers, and institutions. Siemens Technik Akademie administrates the program and works with partner institutions worldwide to implement the program. SMSCP's technical content focuses on key industrial skill areas, such as electrical components, sensors, motor controls, PLCs, hydraulics, and pneumatics. In addition to teaching the technical knowledge, SMSCP stresses troubleshooting and system-based technical thinking via hands-on training. This technical training, paired with our engineering degree programs, will create well-grounded workers that can easily meet the challenges of high tech and advanced manufacturing industries. Dedan Kimathi University of technology has partnered with Siemens, as the first in Africa, to enhance her training in Mechatronic Engineering by offering this certification. A DeKUT Siemens Training and Certification Centre was established and is now an accredited centre by EBK for Continuous Professional Development of practicing engineers in the industry.

More collaborations and partnerships

[Learn more about our collaborations and partnerships here.](<https://dekut.dkut.ac.ke/index.php/about-dekut/s5-accordion-menu/collaborations-and-partnerships>)

An International Experience

DeKUT has a number of vibrant student exchange programs which are in line with the University's vision of producing globally competitive graduates and building international linkages to grow her profile as a global premier university of technology. International exchanges are life-changing experiences gained by students. This makes such programs critical to the institution's internationalization strategy. To date, a number of DeKUT students have taken part in assignments inside leading laboratories and manufacturing facilities around the world which have had a profound effect on the technical abilities of the students. In addition, living in a foreign country for two or three months at such an early age in their careers gives students invaluable insights and offers them new lenses through which to look at the world. We have signed memoranda of understanding with various universities globally for the exchange of students. These include the International Association for the Exchange

of Students for Technical Experience (IAESTE) and the Association for the International Exchange of Students in Economics and Commerce (AIESEC). Through these mechanisms, DeKUT has been able to send and receive students from different parts of the world which has not only enhanced the diversity of the university student population but also enabled DeKUT students to gain valuable international work experience.

Going an Extra Mile - We Are Family

DeKUT endeavors to provide quality education to all irrespective of their social and financial background. It is to this effect that in 2014, the University established an Endowment Fund (DeKUTEF) with the goal of supporting talented and financially disadvantaged students to access and successfully complete the highly competitive programs offered by the University through the provision of scholarships and bursaries. This will ultimately aid the University to operate truly to her historical foundation and heritage of being an Institution of the society and working for the improvement of the people. We hope not only to attract the great minds to this Premier Technological University but also to be able to retain them without the hindrance of financial constraints.

University Conservancy

With courses in the institute of tourism and hospitality management, the University established a conservancy that is a tourist attraction as well as an avenue for the students to practice service in the Tourism and Hospitality Industry.

Our Alumni

Our Alumni take pride in a smooth transition to the job market and credibility. They give DeKUT credit for this. [Learn more about our Alumni here.](<https://www.dkut.ac.ke/index.php/dekut-spotlight>)

[Tweets by DeKUT Kenya](<https://twitter.com/DeKUTkenya>)

Dedan Kimathi University of Technology

Dedan Kimathi University of Technology (or DeKUT) is a public, coeducational technological university in Nyeri, Kenya. It is one of 22 public universities in Kenya, having been a constituent college of Jomo Kenyatta University of Agriculture and Technology since the year 2007 until it was chartered to become a fully-fledged public university on 14 December 2012.

It was the first university in Kenya to be chartered under the new universities act of 2012 and the eighth public university to be established in the country.

Overview

- Location: 6 km from Nyeri along the Nyeri – Mweiga highway.
- College land spans about 1,000 acres (4.0 km²) consisting of 350 acres (1.4 km²) of natural forest, 350 acres (1.4 km²) of mature coffee, and 300 acres (1.2 km²) of open space for expansion.

History

- DeKUT started operating as a technical institute in 1978. Since August 2007 to the award of the Charter, it operated as a constituent university college. DeKUT was granted a charter to become a degree-awarding institution on 14 December 2012. It operates under the Ministry of Education, Science, and Technology.

Academic Programs

DeKUT offers academic programs at the undergraduate and graduate levels through five schools and five institutes.

The schools and institutes are:

1. [School of Engineering]
2. [School of Business]
3. [School of Health Sciences]
4. [School of Computer Science and Information Technology]
5. [School of Graduate Studies]

Leadership

- Chancellor: Gen (rtd) Julius W. Karangi.
- Vice Chancellor: Prof. Peter N. Muchiri
- Council Chairperson: Dr. James Kariuki

Location

DeKUT is situated six kilometers from Nyeri town along the Nyeri-Nyahururu road, between Mt. Kenya, on the Eastern side, and Aberdare Mountains, on the western side.

Facilities and Activities

- Coffee farm acting as a research center for coffee research and development
- Wildlife conservancy hosting animals including llamas, wildebeests, and zebras
- Resource center divided into four phases with the first two phases including a library, lecture theaters, and laboratories
- Advanced Manufacturing Training Center (ADMaTC) housing workshops for all engineering courses
- Private hostels set up around the university to house most of the students
- Sports facilities for rugby, football, hockey, basketball, and volleyball teams
- Various clubs and societies including the Christian Union, Catholic Action, Actuarial Association of Kimathi, and the ICT Club

Students' Representation

The students are represented by the Dedan Kimathi University Students' Organization (DeKUTSO) that is elected every year.

Accommodation

- Six halls of residence, one of which houses female students
- Majority of students live off-campus
- Off-campus accommodation around the school is readily available

Campus Life

- Transport provided by the school to and from Nyeri town and estates where some students reside
- Campus meals served by the school mess and a few off-campus food places
- Student Centre available for students to socialize, watch TV, and play pool
- Sports facilities including rugby football field, volleyball, basketball, and badminton courts, and a field hockey pitch