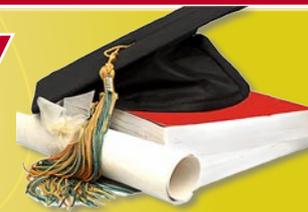




DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

4th Graduation Ceremony

Motto: *Better Life Through Technology*



THEME: CELEBRATING PROGRESS TOWARDS OUR VISION

Date: Friday 29th April, 2016

Focus on STEM commendable, in line with Vision 2030

Cabinet Secretary, Ministry of Education Science and Technology



Dr Fred Matiang'i, Ph.D., EGH

I wish to congratulate the 2016 graduands for qualifying for conferment of degrees and award of diplomas of Dedan Kimathi University of Technology.

I thank the University Council and Management for their able leadership of the university and for implementing the Ministry's goal of producing quality and relevant human resource for the realisation of Vision 2030.

Indeed, I note with satisfaction that most of the graduates are in Science, Technology, Engineering and Management (STEM) programmes. This is commendable since as a country, we are seeking to boost human resource production in the STEM programmes. Such graduates are most needed as our country rapidly transforms into a middle income, newly industrialising economy.

Principal Secretary, State Department of Higher Education

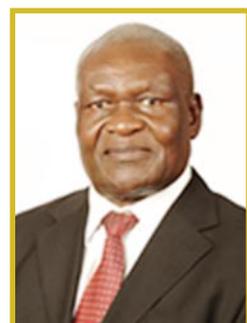


Prof. Collette A. Suda, PhD, CBS, FKNAS

I congratulate the graduands and the university on this fourth graduation ceremony, which starts the series of graduations of universities this year.

As the Principal Secretary for the State Department of Higher Education, I am extremely pleased that the University is releasing high quality and relevant graduates to the industry. I am glad that all the graduates are from the duly accredited programmes, including those in engineering, and that the graduates will be able to become professionals in their respective areas of training. This is an important contribution towards empowering the young people and Kenyans in general to play appropriate roles and tap into the opportunities available in the development of the country.

Our graduates are a reflection of relevant Partnerships, engagement with industry



Prof Shellemiah O. Keya

A message from the Chancellor

As the Chancellor, I am very pleased to be presiding over the fourth graduation ceremony of Dedan Kimathi University of Technology and to be conferring degrees, diplomas and certificates to over 1,490 students.

I have closely followed with keen interest and appreciation, the great efforts made by the University Council, management and staff to create the right environment for learning through a range of well thought out

curricular and co-curricular initiatives. The result has been graduates who are well educated and prepared to quickly take up responsibilities and develop themselves further in the world.

The university's consistent engagement with industry and deep partnerships with a number of educational institutions abroad enrich learning and enable the graduates to be of benefit to the firms that engage them.

Congratulations to all graduands and their parents, guardians and family.



Prof Dulacha Galgalo Barako

A message from the Council Chairman

DeKUT, as a young university and with the assistance of the Government and key stakeholders, has steadily made progress towards becoming a leading technological university. The University council is committed to guiding the university to contribute to development of core human resource and knowledge base for the attainment of Kenya's Vision 2030 and beyond.

The Council is focused

on consolidating the gains the university has made so far in the establishing the technological areas, and as outlined in the university's 2014-2019 Strategic Plan, will support further growth of specialisations through niche postgraduate programmes and research.

On behalf of the Council, I Congratulate the University management and staff, and the graduating students.

We are marking a number of 'firsts' at the university

A message from the Vice Chancellor

On this fourth graduation ceremony since the award of our charter in 2012, we are very pleased to release 1,494 graduates to the market in a number of technological disciplines.

We celebrate the first group of undergraduates in Criminology and Security Management, Industrial Chemistry, Geomatic Engineering and Geospatial Information Systems, and Business Administration.

We also celebrate the first cohort of Engineering graduands following the full accreditation of our engineering programmes – Mechanical, Mechatronic, Civil, and Electrical and Electronic – by the Engineers Board of Kenya in 2015.

We are proud of the many



Prof Eng P.N. Kioni

students who have qualified for postgraduate degrees at both the PhD and Master levels. They are indicative of the university's progressive realisation of her research and knowledge generation mandate. This year's graduation

ceremony marks another key step in the university's commitment to providing the industry with relevant and highly qualified human resource. In these graduates the industry will find well-rounded individuals reflective of holistic education.

The university has now cleared the backlog of students admitted under the double intake accelerated programme in 2011. Congratulations to all the graduands.

The University Management, Senate, staff and students are grateful to the Government, which through the ministry of Education Science and Technology, continue to provide the university with the requisite logistical support that has facilitated our successful and timely implementation of academic programmes.

University Council Members



Eng John Kisenga



Mr Irshad Ibrahim



Ms Mercy Mwatua



Mrs Sophia Yiega



Joseph Kiarie
(Representative PS National Treasury)



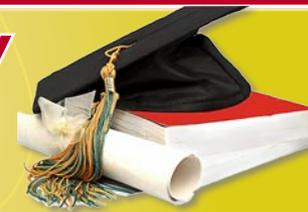
James Kiburi
(Representative MoEST)



DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

4th Graduation Ceremony

Motto: *Better Life Through Technology*



THEME: CELEBRATING PROGRESS TOWARDS OUR VISION

Date: Friday 29th April, 2016

University Senate at a Workshop



Looking back: Graduands reflect on experiences at DeKUT

Wycliffe Muriuki, Graduand, BSc in Electronics and Electrical Engineering

Being in Dedan Kimathi University has been such a fantastic experience. Through my academic journey, I have encountered so many things, and I have gained so much in that short duration of time.

Being at DeKUT enabled me get the opportunity to access quality education. From the state-of-the-art laboratories and workshops to post-modern facilities, my intellectual formation has been incredible. The lecturers have the zeal to offer the best of academic and practical experiences.

As a student, I was involved in many activities that have taken place in the university from sports, academics, innovation, community service, environmental programmes and outdoor excursions.

I am graduating with a Bachelor of Science degree in Electrical and Electronics Engineering, but I have also gained holistic training in life skills such as leadership, teamwork, creativity, innovation, conflict resolution and much more. The university gives the students the platform to develop and exploit individual leadership skills.

Coming to DeKUT was the best decision ever, as my dream career is becoming a reality. Wherever I will go, I shall fly the flag of DeKUT high, delivering a competitive level of professionalism.



2015/ 2016 highlights

- Accreditation of all academic programmes. Accreditation of the recently introduced programmes is underway.
- We were the fourth university since independence to have our engineering programmes accredited. We are now a major engineering training institution boasting of the latest and best training equipment.
- Re-location of Nairobi Campus to Loita Street and remarkable growth of the two campuses: the main campus in Nyeri and Nairobi campus. The new premises in Nairobi offer better facilities and space for our students.
- We have continued to expand our collaborations and partnerships nationally and internationally with various organisations and universities. More recently, we entered into an MoU with Korea National Police university to enhance training in BSc in Criminology and Security Studies.
- We launched the DeKUT Endowment Fund to support needy students. Sponsors from the corporate world and individuals have supported this initiative in a big way, sponsoring the various activities aimed at raising awareness and funds towards the Fund.
- Our programmes are gaining relevance in support of vision 2030 and beyond. DeKUT students are not only innovative and entrepreneurial, but also resourceful once they join the corporate world.

1.	Doctor of Philosophy in Business Administration and Management	7
2.	Doctor of Philosophy in Food Science and Technology	1
3.	Master of Science in Industrial Engineering and Management	4
4.	Master of Science in Geospatial Information Systems and Remote Sensing	13
5.	Master of Business Administration	17
6.	Bachelor of Science (Civil Engineering)	83
7.	Bachelor of Science (Telecommunication and Information Engineering)	09
8.	Bachelor of Science (Electrical and Electronic Engineering)	82
9.	Bachelor of Science (Mechanical Engineering)	70
10.	Bachelor of Science (Computer Science)	77
11.	Bachelor of Science (Computer Science)	47
12.	Bachelor of Science (Information Technology)	71
13.	Bachelor of Science (Actuarial Science)	70
14.	Bachelor of Science (Industrial Chemistry)	32
15.	Bachelor of Nursing	12
16.	Bachelor of Science in Food Science and Technology	40
17.	Bachelor of Sustainable Tourism and Hospitality Management	36
18.	Bachelor of Science in Geospatial Information Science	37
19.	Bachelor of Science in Geomatic Engineering and Geospatial Information Systems	41
20.	Bachelor of Commerce	196
21.	Bachelor of Purchasing and Supplies Management	136
22.	Bachelor of Business Administration	98
23.	Bachelor of Science in Criminology and Security Management	132
24.	Diploma in Purchasing and Supplies Management	32
25.	Diploma in Business Administration	18
26.	Diploma in Information Technology	26
27.	Diploma in Building Technology	47
28.	Diploma in Fashion Design and Interior Decoration	05
29.	Certificate in Coffee Technology and Quality Management	10
30.	Certificate in Information Technology	17
31.	Certificate in Technology	20
32.	Certificate in Fashion Design and Interior Decoration	08
Total		1,494

Graduation statistics

During our 4th Graduation ceremony, we are proud to graduate 1, 494 graduands as follows: 8 PhD, 34 Master's, 1,269 Bachelor's, 128 Diplomas and 55 Certificates.

Stella Chelagat, Graduand, BSc in Geospatial Information Science



I am a proud 2016 graduand in BSc Geospatial Information Science, not only because of academic achievement, but the wholesome growth I have experienced at the Dedan Kimathi University of Technology.

I have learnt immense virtues of integrity, inter-correlation irrespective of gender and tribe, communion, and honour in all ages and achievement.

Dedan Kimathi is indeed a land of greatness. It has taught me to dream big and acquaint myself holistically, thus adding quality to this award. It has been the greatest experience in my life. Thank you to Almighty God and great Dedan Kimathi administration, staff, chaplaincy and fellow students for their great support and Love.

Samuel Kibui, Graduand, BSc in Geomatic Engineering and Geospatial Information Systems

I joined DeKUT, then Kimathi University College of Technology (KUCT), on April 29, 2011. I was enrolled for Geomatics Engineering and Geospatial Information System as the first lot.

It has been an adventurous and life-changing experience at the campus, having achieved a number of milestones both in the academic and corporate arena. For me, it has been a successful journey as I have become an expert in my field (GIS Development) courtesy of the quality training offered at Dedan Kimathi University. This has placed me where I wished to be – a self-employed GIS Developer and Expert.

The events at the university really built my career. The most memorable is the Civic Hack that was held in 2014, where I discovered my programming skills. This had great impact to developers and the campus at large, inspiring the establishment of an incubation hub at the university.

DeHUB, as the incubation hub is known, continues to support students who have great passion in innovation and entrepreneurship to realise their dreams. I also thank the Institute of Geomatics, GIS and Remote Sensing (IGGRS) for the great support to students through the study time in the institution. It's through this Institute that I got an opportunity to participate in a research work, "Pilot implementation of the Land Administration Domain Model", conducted in Kenya, and Funded by NASA and USAID.

This research sharpened my expertise in the GIS field. It's a core contributing factor to where I am today. As I graduate, I am glad to have been part of the DeKUT family and more so a BSc in Geospatial Information Science student. God bless DeKUT and all associated to it.



Derrick Nandwa, Graduand, BSc in Mechatronics Engineering



Through the International Association for the Exchange of students for Technical Experience (IAESTE) club at DeKUT, I was accepted for an internship at Cologne University of Applied Sciences, Germany, for a period of 12 weeks during my fourth year of study.

I was tasked to carry out a research on the different work functions of a grader machine, normally used for road construction. This involved developing mathematical descriptions of its blade kinematics and also modelling the blade kinematics with appropriate software.

My knowledge in kinematics analysis of multibody systems and modelling was tested. This was a very educative challenge that took me the entire 12 weeks and tested my analytical tenacity.

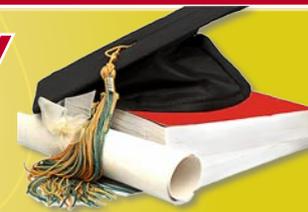
Patience was in no doubt a vital attribute during this time. All in all, it was fun working on this project, as it exposed me to very different ways of problem solving and work ethos. Being at DeKUT exposed me to this opportunity through the various collaboration the institution has with Germany and other international establishments.



DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

4th Graduation Ceremony

Motto: *Better Life Through Technology*



THEME: CELEBRATING PROGRESS TOWARDS OUR VISION

Date: Friday 29th April, 2016

Looking back: Graduands reflect on experiences at DeKUT

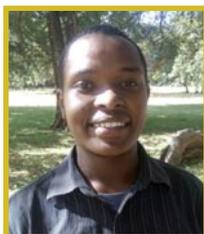
Wairimu Munene Brian, Graduand BSc in Food Science and Technology

As we prepare to experience life after campus, I am assured of one thing: that more than anyone else, we DeKUT graduands make university education exceptional. Together, we have endured, conquered and we've now emerged victorious. This great institution has moulded us and we are ready to conquer the world.

We've emerged as the people we were meant to be, whole and complete. I can't predict the future or what the world will be like when we return for our 25th reunion in 2040. Will we have sustainable energy? Will Kenya be the exemplary country that our Vice Chancellor has always challenged us to build?

I know that whatever paths we take, they won't be the easy ones. But I know we will endure and conquer because that is what DeKUT has made us to be; conquerors. We will be marked as DeKUT alumni, and exceptional.

Congratulations 2016 graduands.



Climate Technologies in East Africa

Mr Hassan Langat, a DeKUT alumnus and now a Teaching Assistant in the department of Mechanical Engineering, is working on a mechanical tea de-stalker that is efficient in removing unwanted stalks and old leaves and separating stalks and good leaves for processing.

This was after the realisation that although the introduction of machine harvesters in the tea industry in Kenya was a major milestone, these harvesters compromise the quality of plucked tea. The tea plucked by the harvesters is likely to have high fibre due to stalks and other unwanted parts on old leaves.

The innovation was selected as one of the top innovations during the World Intellectual Property Organisation (WIPO) Green Matchmaking event held at Strathmore Business School on April 5-7, 2016. It is estimated to cost \$50,000.



Mr Hassan Langat: Teaching Assistant at the Mechanical Engineering Department.

Tech X DeKUT wins yet another competition

Tech X, a group of tech-enthusiast students at DeKUT, won yet another competition. They successfully competed against other engineering students from universities in the country at the Lions of Science Competition 2015, and emerged the overall winner, taking home €2,000 for their first-place showing.

Tech X comprises a revolutionary group of young engineering students who hold their field to a high esteem. The team presented UniComm Kit, a wearable sensor glove that detects hand gestures and translates sign language into words and audio. Members of the same team were also at the Pivot East 2015 finals and represented the university at the Global Entrepreneurial Summit

in July 2015.

Part of the team runs the university tech clubs, such as Computer Society of Kimathi, and works as university links to companies like Intel, Google and IBM. Along with creating ways to make life better, the team also shows serious commitment to sharing knowledge with as many people as possible.

They are behind huge tech events, such as GDG I/O Extended Nyeri, GDG Devfest Nyeri, and robotic competitions, such as Game of Drones, Intel IoT Buildathon and Intel IoT Battlefield.

At Dedan Kimathi University of Technology, students find a supportive environment to discover and exploit their abilities.

DeKUT is about quality more than quantity

The integration of technical and business skills with the theoretical knowledge learnt in class is very important. That is why at Dedan Kimathi University of Technology (DeKUT), it's not just about the number of students we graduate but their quality.

With a department dedicated to R&D – the Research Technology Management and Community Linkages (RTMCL) department – the university ensures that students are exposed to opportunities locally and internationally to broaden their scope of intellectual thinking and

actualisation.

This is made possible through collaborations, exchange programmes, public lectures and hands-on practical sessions in the university's state-of-the-art laboratories. To nurture this, the university recently launched an Innovation and Incubation Hub (DeHUB), whose main purpose is to inspire innovation and entrepreneurship by transforming innovative ideas from within and outside DeKUT community into products, processes and services for commercial exploitation

INNOVATION AND TECHNOLOGY DEVELOPMENT

Students develop App that makes farming easy and fun

Three Mechatronic Engineering students (Muriungi Kithinji, Cyrus Kiiru and Denzel Wamburu), through the support of the university innovation and incubation centre, developed a platform called Nelion Farm, which is revolutionising farming.

Nelion Farm is a smart device that monitors a farm and regulates it as per the preferred conditions. This concept is applicable in many areas that involve farming, and it can also be implemented through different approaches. It is a hybrid of various concepts that could be

useful in tackling agricultural related problems towards promoting better yields and sustainable agriculture.

The device uses a variety of sensors to read the atmospheric conditions, and a microcontroller which regulates the conditions. The connected devices and sensors collect data and give smart recommendations based on the various variables. Used well, the result is higher productivity and more effective use of land, water, fertilizer and other resources.



Nelion Farm team from left: Muriungi Kithinji, Cyrus Kiiru and Denzel Wamburu.



The Tech X team, from left: Barclay Koin, Stephen N. Gachara, Ngesa N. Marvin (Team Leader), Irene N. Jepchirchir and Chris Barsolai.

"You can go to any school and learn just the academics, but at DeKUT, you get much more. The university gives lots of chances to students to develop their intellectual capacity." Ngesa Marvin-DeKUT Student

For enquiries on our Programmes contact:

Registrar (Academic Affairs) P.O. Box 657 – 10100, Nyeri Cell: 0713-835965 0713-123021 Tel: 061- 2050000 Email: registraraa@dkut.ac.ke marketing@dkut.ac.ke	Director, Nairobi Campus Pension Towers 2 nd , 9 th and 13 th Floor. Loita Street. Cell: 0710-127516 Email: directornairobi@dkut.ac.ke
--	--

Website: www.dkut.ac.ke

Dedan Kimathi University of Technology @DeKUT kenya



DeKUT is ISO 9001:2008 Certified

Better Life Through Technology