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MOTTO

Better Life through
Technology

VISION STATEMENT

A Premier Technological
University Excelling in
Quality Education,
Research, and Technology
Transfer for national
development.

MISSION STATEMENT

To provide academically
stimulating, culturally
diverse and quality
learning environment that
fosters research, innovation
and technology
development towards
producing relevant
technical and managerial
human resource and
leaders to contribute to
attainment of national
development goals.

Quote of the month

"If you can't figure out your
purpose, figure out your
passion for your passion will
lead you right to your
purpose" TD Jakes

Disability Mainstreaming

"We are all candidates of disability but we do not realize until it happens" this is the statement that speaker, Mr. Isaac Manyonge from National Council of People With Disability (NCPD) made in his opening speech. Mr. Manyonge took time to help the audience understand what disability is all about during the Disability Mainstreaming workshop. He emphasized on the need to move from what he termed as the Charity Approach to Empowerment Approach when dealing with people with disabilities (PWDs). He also advocated for the involvement of people with disabilities in decision making as well as the need to eliminate the accessibility barriers to promote equalization of opportunities for all to participate as development agents and beneficiaries.

Pedagogy 3

There has been ongoing training on effective teaching skills. This is in bid to improve how students are taught to enhance quality. In the month of June, the training was at module three.

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.

Recently, Dr. Jean Bosco Byiringiro (PhD., Reg. Eng.), Ag. Dean School of Engineering and Chairman Mechatronic Engineering, procured and donated a Desktop 3D Printer to the University to facilitate further research. This new development will firstly attract development partners, both local and international, who can engage in projects sponsorship, marketing, students training and industrial research partnership. Secondly, it will generate income for the University through offering services such as 3D printing of Robotics & Drone parts, PCB development etc. Thirdly, it will facilitate creation of an environment that will enable DeKUT live up to her vision of being a center of excellence in modern technology.

2016 Robotics Team on KTN

DeKUT team emerged position one in the Technical Institutions category during the 2016 robotics contest held at Kenya International Conference Centre (KICC). This attracted the focus of KTN Morning Breakfast Tech Central which is a forum for promoting innovative ideas. The team enlightened the audience on what robotics is about. They explained how the course they study at the University, B. Sc. Mechatronic Engineering, continues to empower them into venturing into such technology and much more. The team is venturing into 'snake robots' that can be sent for rescue missions through spaces that make it impossible for human to get way. They are also working on "Internet of Things" which is a technology that enables everyday objects to have network connectivity, allowing them to send and receive data. In studio was Liz Wanjiru, Cyrus Kiiru and Kirkston Kimiti, all Mechatronic Engineering 5th year students.

DeKUT Alumnus on QTV

Our graduate students continue to do very well out in the industry with most of them creating jobs and coming up with innovations that improve our way of life by providing quick solutions to problems we face every day. Zeffah Onduso, a 2015 graduate, B.Sc. Information Technology graduate, has come up with a mobile application to help in emergencies. The application, 'Niokolee App' enables the user to send an alert to the relevant authority requesting for help in any sort of a situation. This was featured on QTV during "ANA KWA ANA", a program that raises awareness and promotes innovative ideas.

Empowering the girl child

Women TechMakers Event



Women Tech makers Kimathi University Chapter was officially formed on 7th November 2015 during the Nyeri Google DevFest. Google's Women Techmakers program provides visibility, community and resources for women in technology in the following ways:

Visibility: Showcase the work and passions of women in the technology industry by providing a platform to celebrate their talents and spotlight role models.

Community: Create a supportive global community in which women can connect, be inspired and encourage each other to realize their passions.

Resources: Provide opportunities to develop industry needed skills, aid career development and support women to become industry leaders in all phases of their careers.

The DeKUT Women Tech Makers event was mainly held to encourage the ladies to comfortably engage in techie forums. The ladies needed private sessions and more attention when it came to code labs since most ladies shy off from technology hindering them from acquiring Tech knowledge. Through such forums, ladies have developed more interest in Tech and coding.

45 ladies attended the event, this was a great improvement and sign of growth since in most events less than ten ladies attend.

Ladies Forum



As the saying goes “Iron sharpens iron “ to this effect, on 3rd June a ladies forum was held courtesy of the Rotaract Club of DeKUT. The theme of the ladies forum was “WOMEN AND PROFESSIONALISM” aimed at inspiring professionalism in the DeKUT community of ladies students. The key speakers were: Professor Khamasi, the Registrar Academic Affairs and Ms. Faith Mutheu, the Ag. Public Relations Officer.

The speakers addressed the ladies on a few key areas:

(i) One never has to disqualify herself based on what she thinks but on facts and it’s important to remember that one’s social CV is as important as their education CV.

(ii) No one is born a leader; leadership is nurtured and keeping in mind that one’s network of friends influences one’s life either positively or negatively.

(iii) Lastly, a key note that being a female is power and one should never let anyone put them down,” know what you stand for and always put God at the center of it all. A prayerful woman is powerful!”

The’ Empowered Me’ Club

Empowered Me Club is a forum within the Female sector created as a platform to bring lady students together where they meet and share unique issues that affect gender woman. The club is under the watch of Female Warden, Madam Marjory Nyaga, who organizes for forums and brings to the attention of the management through the office of the dean of students any issue requiring the attention or intervention of the management.

The club holds bi-weekly meetings within the university premises where they discuss various topics of interest and perform acts of charity by visiting the needy. The club also runs a mentorship programme which has seen many members grow in the different aspects of their lives.

Sports

Rugby 7’s

The Rugby team played 5 matches during the 2nd Kings of rugby tournament at kaimosi University College Vs USIU, JKUAT, UoE, JOOST & MMU and lost in the plate final to MMU by 00-07 scores finishing 6th best University in the country. George Kariuki, an Actuarial Science student, was presented at USA 7s Rugby YouTube as the smallest Rugby player in the world.

Football league 2016



The Soccer (men) team was promoted to play in the Football Kenya Federation (F.K.F) Mt. Kenya Regional league after winning the Nyeri County League. During this month, they played 3 matches . The team goes by the name DeKUT FC

Inter- sector sports competition

Our students reside in different residential areas/sectors within and outside the University. As a result of this, the University runs a program where every sector has a warden (a staff in charge of the welfare of the students residing in the respective sectors) who works with the Directorate of Students Welfare to ensure that the students are well taken care of. On 18th June, the wardens in collaboration with the Directorate of Students welfare held inter- sector competition, this happens at least once every academic year. The objective of the competitions is to promote cohesion among students and staff, nurture the different talents and give a sense of belonging. Despite the cold weather, the event was well attended by more than 300 students. The level of participation by ladies was also noted; 20% of those who attended were ladies.

Hockey annual tournament

DeKUT hockey team “The Titans” held their fourth annual tournament on 18th and 19th June 2016. Despite the chilly weather, the love of the game kept the players active and competitive throughout the tournament. The game was eight-aside with six teams participating. The coach, a former DeKUT hockey team captain and founder Fredrick Nyaga, managed the tournament well. Several alumni’s who were playing for the team also showed up to show their support and continued love of the game. The objective of the annual tournament is to bring the hockey teams and players together to challenge each other and nurture the talent. Over time, the tournament has contributed to recruitment of new players and sharpening the skills of the various existing players. This is reflected in the national league; last season they finished 4th.

National Instruments (NI) officials visit

National Instruments, a US based company, toured various Universities and colleges in Kenya in the month of June for academic seminars. During the seminars, they introduced NI Technologies for Control Automation processes, Measurement and Testing, as well as Academic Solutions and different Educational and Research Laboratories based on National Instruments platform for many disciplines including Electronics & Electrical Engineering, Mechanical Engineering, Mechatronics, RF & Communication, Alternative Energy, Robotics and others, as well ran a short workshop for LabVIEW software and Labs. They visited our Institution on 24th July through the Dean School of Engineering, Dr. Jean Bosco, where they addressed some engineering staff members and students.

Environmental conservation



DeKUT Chemistry Club members participating in a cleaning exercise around the University environs.



DeKUT Nairobi Campus Staff & Students' participating in the World's Environmental Day