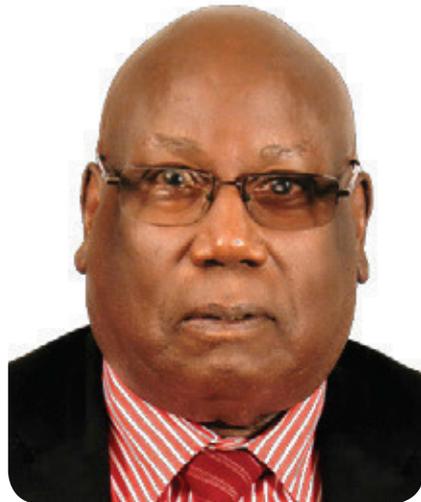


## 28<sup>th</sup> Graduation Ceremony: Friday 25<sup>th</sup> November, 2016

# Harnessing Technologies for a Prosperous Future

## Use your skills to spur Kenya's Socio-Economic Transformation



**Prof. Geoffrey Ole Maloiy**  
Chancellor

I wish to congratulate all graduands as JKUAT marks the 28th Graduation ceremony. I am indeed proud of this moment and wish the graduands the very best as they set sail for transformational career undertakings.

There is no question that in proving themselves equal to the task of fulfilling degree requirements at one of the country's finest universities, they have made a lasting and powerful statement about their character.

The differentiating hallmarks of JKUAT's graduates are many, but most importantly, they include self-discipline, resourcefulness, innovation and research.

I challenge the graduands to adequately deploy their skills and knowledge to help improve the country's socio-economic standing. I am confident that they have the potential to effectively and efficiently address the world's challenges.

*"The differentiating hallmarks of JKUAT's graduates are many, but most importantly, they include self-discipline, resourcefulness, innovation and research."*

### Congratulations on your meritorious achievement

On behalf of the University Council, I take this earliest opportunity to convey my warm greetings and congratulatory message to all the graduands and indeed, the entire University Community on this special occasion of the 28th Graduation Ceremony. I particularly salute our graduands for their dedication and achievement; having withstood the rigorous process of meritocracy that comes with academic accomplishments.

I also acknowledge the contribution of their parents and guardians for supporting them in their career aspirations.

The University Council wishes to reiterate its resolute obligation to support initiatives and programmes aimed at ensuring the University remains true to its core mandate of training, research and innovation for the development of the country and the region.



**Prof. Paul Kanyari Njuki,**  
Chairman of Council

### Uphold values of integrity, ingenuity, industry in the job market

Once again we witness the graduation of 4896 graduands, the highest ever recorded in a single ceremony. Given the orientation of our training, we are confident that the students have not only been equipped for the demands for today's job market, they also possess invaluable entrepreneurial skills that makes them potential job creators too.

Driven by the desire to actualize innovations that can be tapped to transform livelihoods, JKUAT has put in place requisite infrastructure manned by highly skilled staff in all training programmes. We are indeed proud to continue

playing a key role in the implementation of the Government's Digital Literacy Programme. I challenge the graduands to uphold the values of integrity, ingenuity, industry in fulfilling their obligations using the acquired knowledge.



**Prof. Mabel Imbuga,**  
Vice Chancellor

### 28<sup>TH</sup> GRADUATION SUMMARY STATISTICS

Award	Male	Female	Total
Diplomas	349	283	632
Bachelors Degree	2,053	1,306	3,359
Masters Degree	499	306	785
Post Graduate Diploma	11	7	18
Doctorate Degree	42	33	75
<b>Total</b>	<b>2,934</b>	<b>1,935</b>	<b>4,869</b>



### 4, 896 Graduands to be honored

A total of 4896 students are set to be conferred degrees and awarded diplomas during the JKUAT 28<sup>th</sup> Graduation Ceremony scheduled on Friday November 25<sup>th</sup>, 2016.

The ceremony, the second to be held this calendar year, will feature 808 more graduands compared to the June 2016 graduation. Doctorate female candidates have posted a strong showing with 33 set to be crowned compared to the June edition where only 14 were honored.

The graduands' numbers have been on the rise in the last six years. From 4190 graduands in 2010, a total of 5, 403 passed out in 2013; with 2016 registering the highest ever recorded in a single calendar year at 8,957.

The upward trajectory in graduands' numbers is a testimony to the growing demand for JKUAT's academic and research programmes. The University emphasizes practical and industry oriented approach in mounting its programmes, making JKUAT graduates most preferred by local and international employers.

## 28<sup>th</sup> Graduation Ceremony: Friday, 25<sup>th</sup> November, 2016

### Deputy Vice Chancellors



**Prof. Esther Kahangi**  
DVC, Research, Production and Extension



**Prof. Romanus Odhiambo**  
DVC, Academic Affairs



**Prof. Otoki Moirongo,**  
DVC, Finance



**Prof. Victoria Wambui Ngumi,**  
DVC, Administration.

*“Students have not only been equipped for the demands for today’s job market, they also possess invaluable entrepreneurial skills that makes them potential job creators too.”*

### Hope for Cassava Farmers as JKUAT Inaugurates Diagnostics Laboratory



Prof. Ateka (left) take officials on a tour of the greenhouse after the launch of the facility

Efforts to realize sustainable cassava production and consumption in Kenya have been heightened following the launch of a plant virus diagnostics laboratory and greenhouse at Jomo Kenyatta University of Agriculture and Technology (JKUAT). The KSh. 8 million facility is expected to foster national efforts in disease and insect vector mapping as well as analysis of emerging plant viruses. The laboratory will also be used to produce high yielding, pest and disease free planting cassava materials besides teaching and research at the University.

It is estimated that over 90,000 hectares are currently under cassava in Western, Nyanza and Coast regions with national annual production pegged at 540,000 tonnes. The low yields averaging 10 tones/ hectare are attributed to incidences of disease prevalence which in certain cases have resulted in 100% failure. Two diseases, namely cassava mosaic and cassava brown streak are the most prolific. News of fatal cassava poisoning blamed on post-harvest processing have also been reported in Kenya.

### African Development Bank in New Push for Research & Innovation

The African Development Bank (AfDB) has expressed its readiness to fund research and innovation projects with potential to transform livelihoods across the continent, an official has said.

The Bank’s Financial Sector Development Programme Manager, Robert Musambuko said the funding body was increasingly looking to research organizations to provide sustainable solutions to the endemic problem of poverty and hunger in Africa.

Musambuko who spoke at Jomo Kenyatta University of Agriculture and Technology on 14<sup>th</sup> July 2016 said time had come for



Robert Musambuko (second right), Bugaro (right) view Chuff Mill Machine developed by JKUAT when the two visited the University

knowledge-based decision making and African universities should produce innovations that can transform the continent.

He singled out health, agriculture and infrastructure as key sectors that require concerted effort from government, private sector and academia.

### NACOSTI Accredits JKUAT’s Institutional Ethics Review Committee

The National Commission for Science, Technology and Innovation (NACOSTI) has accredited JKUAT’s Institutional Ethics Review Committee (IERC), paving the way for the organ to operate and conduct ethics review for research protocols involving human subjects.

The 11-member Committee will consider and decide on ethical and scientific values of research proposals; while safeguarding the integrity, rights and safety of the participants in a research project.

The multidisciplinary Committee draws membership from academic, religious, and legal fields. A community representative

also sits in the IERC. The Committee’s activities are expected to increase research outputs in the above areas of specialization and more.



Prof. Esther Kahangi congratulates Dr. Ngure and the rest of the committee membership following accreditation.



Students during a demonstration treatment session using short-wave Diathermy machine.

### JKUAT Launches Region's First MSc in Physiotherapy Programme

Department of Rehabilitative Sciences in the College of Health Sciences, has launched three (3) new programmes to create more academic opportunities in Rehabilitation. The programmes namely: MSc in Physiotherapy, BSc. in Exercise and Sports Science as well as BSc in Medical Social Work focus on specializations and evidence based services in line with global advances in healthcare management. Kenya is a sporting powerhouse, globally, and postgraduate students from the programmes are expected to fill inherent local professional gaps as team therapists, an area that has been dominated by foreign nationals. Sports physiotherapists treat and manage injuries in sports, while exercise and sports science specialists train a normal sportsman how to maximize potential in a given sport.

### Researchers Urged to Strengthen Research Enterprise

The President of Okayama University (Japan), Prof. Kiyoshi Morita has urged Kenyan researchers and their Japanese counterparts to build on existing strong historical partnership ties to strengthen their research and innovation enterprises. Addressing participants and exhibitors drawn from Japan, Uganda, Rwanda, West Africa and Europe, during the two-day- eleventh annual JKUAT Scientific, Technological and Industrialization Conference, Prof. Morita lauded the conference's focus on agriculture, among other areas, which he observed, remained the backbone of many economies and thus expressed his desire to see researchers' work and experiences providing the impetus and "insights aimed at contributing to the development of agriculture and food sectors."

### JKUAT set for the Eastern Africa University Games



JKUAT Team Lynx after winning the KUSA basketball tournament in Eldoret.

Jomo Kenyatta University of Agriculture will host the 10<sup>th</sup> East Africa University Games Beginning December 16, 2016. This year's games dubbed 'Regional Sports for Health, Unity, Peace and Academic Excellence' seeks to promote interaction among students within the East Africa universities, encouraging professional and personal growth through sports.

The week-long games that end December 21, 2016, will see over 4000 students from over 35 universities across the East African Region compete in 18 sports disciplines namely Athletics, Basketball, Football, Rugby, Volleyball, Tennis, Handball, Netball, Hockey, Swimming, Table-Tennis, Karate, Tae-kwon-do, Chess, Scrabble, Wood ball and Badminton.

### ABE Scholar Returns with mission for Kenya

In October 2014, Boniface Kariuki, a technologist at the department of Mechatronic Engineering, JKUAT got a chance to study a masters degree in Japan under the African Business Education (ABE) initiative. As a pioneer beneficiary, Kariuki looked forward to a rewarding academic trip. Working within the regional climate system research group at the Hokkaido University's Graduate School of Environmental Science, Kariuki mapped different parts of Kenya based on solar energy potential. Kariuki's findings indicate that Kenya has substantial amounts of solar energy that could be harnessed to augment the current energy capacity mainly hydro-generated. "Nearly all parts of Kenya have enough solar energy to power domestic use. With the reducing cost of solar cells, Kenyans could easily tap the resource and transform their livelihoods," he opined.

### Varsity in Child Friendly Yoghurt Joint Venture



Linus Gitahi (second left) is joined by Prof. Kanyari to cut the commemorative cake during the launch of the yoghurt

A new probiotic yoghurt that is designed to provide essential nutrients and boost immunity among children has been launched. Maya Probiotic Yoghurt that comes in 250ml and 100 ml with vanilla, strawberry and pineapple flavours becomes the latest to retail in supermarkets and other retail stores across the country Maya which is a product of academia-industry partnership between JKUAT Enterprises and Tropical Brands Africa Limited, has reduced sugar levels and is recommended for lactose intolerant consumers.