



The Oasis

**A Newsletter of Jaramogi Oginga Odinga University of Science and Technology
A Publication from the Office of the Vice-Chancellor
December 2018**



6th Graduation Ceremony

Oasis of Knowledge

Our Vision

A beacon of excellence and global leader in University Education for Sustainable Development

Our Mission

To provide quality education that nurtures creativity and innovation through integrated training, research and community outreach for advancement of humanity

Core Values

Fairness
Professionalism
Equity
Transparency and Accountability
Integrity
Meritocracy

Our Motto

Oasis of Knowledge

The OASIS

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We acknowledge the contributions from the
various, Deans, Directors and Coordinators,
Divisional Heads, staff and the students' body.

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Distinguished Honorary Degree Recipient



H.E. HON. UHURU KENYATTA C.G.H.,

President of the Republic of Kenya and Commander-in-Chief of the Defence Forces

H.E. Hon. Uhuru Kenyatta's pragmatic work transcends the borders of individual spheres of academic disciplines and finds diverse and far-reaching practical applications. At the core of all the works is the integration of scientific thinking and methodology in analysing societal problems and generating well thought out solutions for the advancement of humanity and contribute to global development, especially in biodiversity, food security, spatial management of human settlement, world peace and security, promotion of the blue economy, improvements on human health, creation of wealth among all citizens and respect for all gender.

H.E. Hon. Uhuru Kenyatta has supervised the implementation of a new government administrative unit of Counties, which replaced the previous unit of Provinces. He has also tactfully dealt with the complaints of poor governance, corruption, and insecurity. Further, he has spearheaded various development projects as defined in the Vision 2030, notably the LAPSET, SGR, national road networks, housing projects and the Big Four Agenda, which have spurred a new paradigm of development in the country.

H.E. Hon. Uhuru Kenyatta rekindled public administration and governance through initiating various policies and declarations which have brought new directions and revived the zeal for a new order of doing things. Head of this is the Mwongozo code of governance which has provided a framework within which government officers are accountable in the delivery of services to the public.

For the show of exemplary patriotism, dedicated service to this country and the world of humanity, the University's Senate wishes to decorate, **H.E. Hon. Uhuru Kenyatta**, on this occasion of the sixth graduation with the Conferment of Doctor of Sciences Honorary Degree (*Honoris Causa*).

Distinguished Honorary Degree Recipient



THE RT. HON RAILA AMOLO ODINGA, E.G.H.,
Former Prime Minister of The Republic of Kenya

When the writing of the Kenyan political history is finally complete, one name will be emblazoned in bold: Raila Amolo Odinga. It goes without saying that the Rt. Honourable Raila Amolo Odinga has earned recognition both at home and on the global arena for his immense contributions towards the expansion of the democratic space in Kenya and the region. Indeed, the charismatic leader has remained the constant face of democratic promotion within the contemporary African context that has witnessed the emergence of more tolerant regimes over the years.

The Rt. Hon Raila Amolo Odinga has consistently struggled for a new constitutional order that would radically change the nature of governance in this country. It is on this basis that he advocated for a devolved governance structure that would ensure social equity and one in which all would share both the responsibilities and benefits of nationhood without excluding any segment of the society. Guided by the values and principles of social democracy and the humanness, The Rt.Hon. Raila Odinga has been particularly concerned about the oppressed, the poor, inequity in the distribution of public resources and the voiceless majority.

Here then is a nationalist who has walked the journey of academic, public service, entrepreneurship, liberator of the oppressed; Herein is an eminent African statesman. His vision and the struggles continues to contribute immensely to the development of education, socio-economic and political welfare of this great country, Kenya. These are qualities and triumphs that we in academia are proud to be associated with.

It is, therefore, owing to his immense contributions in promoting industry, infrastructure, settlement, sciences, environmental conservation and his international recognition that the University's Senate wishes to decorate **The Rt. Hon. Raila Amolo Odinga** on this occasion of the sixth graduation with the Conferment of Doctor of Sciences, Honorary Degree (*Honoris Causa*).

Message from the Chancellor

I am elated to preside over this 6th Graduation Ceremony of Jaramogi Oginga Odinga University of Science and Technology. Congratulations to the 2018 2nd Cohort for the hard work and commitment that has culminated in today's celebration. To your parents, guardians and mentors, we continue to thank you for the continued support to your children and the University, without your support we could not have been seated here today.

Let me take this opportunity to congratulate His Excellency, Hon. Uhuru Kenyatta, C.G.H, President of the Republic of Kenya and the Rt. Hon Raila Amolo Odinga, E.G.H, for being conferred with Doctor of Sciences (Honoris Causa) Degrees. We appreciate and acknowledge the role played by His Excellency, The President Uhuru Kenyatta and the Rt. Honorable Raila Odinga in shaping socio-economic space and peace in the country.

The focus on the conferment of the Honorary Degree marks a major turning point for the university. This therefore acts as a mark of growth for the institution. This is the second graduation in a year, which is a remarkable effort as students do not have to wait for too long to graduate.

The University has given you the graduands, all the necessary skills you need to be able to perform optimally in the job market. Use your intellect to create job opportunities. Let what you have been taught work for you in providing the necessary solution for socio-economic development. Be good representatives of the University and role models in your respective places of engagement.

While the current trends in higher education gravitate towards the fields of science and technology, it is just as important as ever to keep in touch with changes in learning trends and to forecast possible future growth. The state of our workforce depends on how higher learning adapts to the changing needs of the workplace and those who fail to adapt to these shifts may be left in the digital dust.

Thank You and God bless you all!

**Dr. Vimal Shah, CBS, MBS
CHANCELLOR**



Message from the Cabinet Secretary



I am delighted to congratulate graduands of Jaramogi Oginga Odinga University of Science and Technology on this occasion of the 6th graduation ceremony. I want to join the entire Jaramogi Oginga Odinga University fraternity in celebrating this momentous occasion.

Let me also take this opportunity to congratulate His Excellency, Hon. Uhuru Kenyatta, President of the Republic of Kenya and Commander in Chief of the Defence Forces and Right Honorable Raila Amolo Odinga, E.G.H, for the conferment of Doctor of Sciences (*Honoris Causa*) Degrees. Indeed, we take note of their resilience and immense contribution towards expanding Kenya's democratic space. The University has captured the spirit loud and clear by summing up

that they are towering icons in Kenya.

There is no doubt that the achievements witnessed here today is a reflection of good governance and management practices engaged by the University Council and Management, as well as the commitment from Senate, staff and students.

The University has a task to observe quality, through review of curriculum that meets industry needs on the basis of regular stakeholder consultation, and to implement practical components in addressing the knowledge and skills gaps in the job market.

I appeal to our universities to carve out their identities and niches through specific areas of specialization. I am delighted to note that Jaramogi Oginga Odinga University of Science and Technology is keen on food security. By establishing a Centre of Excellence in sustainable use of insects as food and feeds, the University directly contributes to food security. This World Bank funded Africa Centre of Excellence in Sustainable Use of Insects as Food and Feed project has put the name of the University on the global map.

As you engage in such commendable activities, you should know that the Ministry of Education is committed to providing the appropriate support and an enabling environment to enhance the potential of Universities to grow into credible Institutions that produce high caliber skilled labor into the job market.

Thank you and God bless you all!

**Amb. (Dr.) Amina C. Mohamed, EGH, CAV,
Cabinet Secretary, Ministry of Education**

Office of the Council Chairman



I am delighted to welcome you all to the 6th graduation ceremony of Jaramogi Oginga Odinga University of Science and Technology. On behalf of the University council, may I take this opportunity to congratulate the graduands for your perseverance and dedication that has enabled us gather here today. Let me take this early opportunity to congratulate His Excellency, Hon. Uhuru Kenyatta President of the Republic of Kenya and Commander in Chief of the Defence Forces and the Rt. Hon. Raila Amolo Odinga, E.G.H, for the conferment of Doctor of Sciences (*Honoris Causa*).

It is a great privilege for this growing university named after one of the founding fathers of this great nation, Jaramogi Oginga Odinga, to share this historic moment in the History of the nation.

The University Council continues to lay great emphasis on research and innovation. We are continually encouraging our students to be creative and come up with innovative ideas that will propel them and the university to global standards.

The University Master plan (2013-2065) and Strategic Plan (2016-2021) provide the framework on which steady progress towards a world class University is anchored. In the current (2018/2019) financial year, the University underwent transition and certification to ISO 9001:2015 to safeguard provision of quality services to all interested parties.

We will not relent on our quest to have quality service delivered to our clients, majorly the students. The University through the Council, with the support of the Management Board continues to oversee the prudent

management of University funds to guarantee financial stability and sustainability. We are one among the few universities who have managed to remit all our statutory deductions and ensure that we meet all our financial obligations as required by the law.

As the university Council, we have continuously made a concerted effort to deliver on the commitments that the University has made to the people of Kenya and the academia at large. We undertake to address, in the best way possible, the challenges facing the University. Once again, may I wish all the graduands a prosperous life in the future.

Thank you. God bless Kenya, God bless JOOUST!

Amb. Steven Loyatum
Ag. Chairman of Council

Message from the Vice-Chancellor



I would like to sincerely welcome and congratulate His Excellency, Hon. Uhuru Kenyatta, C.G.H, President of the Republic of Kenya & Commander in Chief of the Defence Forces and the Rt. Hon. Raila Odinga, E.G.H, for their conferment of Honorary Doctor of Sciences Degrees (*Honoris Causa*) of Jaramogi Oginga Odinga University of Science and Technology. This is indeed a privilege and a great honor.

It is with a great pleasure that we welcome you to Jaramogi Oginga Odinga University of Science and Technology's 6th Graduation ceremony. A warm welcome to our distinguished guests for availing time off your busy schedules to celebrate with us.

Let me congratulate the graduands for the hard work and determination that has made us gather here. I want to thank the parents and guardians for the support accorded to the students in enabling them complete their academic studies successfully. I want to thank the entire University fraternity led by the Council, Senate, Management Board and staff for the immense contribution in directing the students to a successful conclusion.

It the first time the University is holding two graduation ceremonies in a year. This 2nd cohort of graduating students has increased from 1300 during our 5th Graduation to 1984 this 6th Graduation. As the University Management, we are satisfied with the progress so far made in key strategic areas. We have made significant strides and our commitment to making a university with a difference remains absolute. Management has remained a strong team and we have had a strong council with members highly experienced in our business.

The University is wake to the Big Four Agenda as espoused by His Excellency Ho. Uhuru Kenyatta, President of the Republic of Kenya. Among some of the schools that are

contributing significantly to the realization of the Government's 4- plan agenda are, the School of Agriculture and Food Sciences, School of Public Health, School of Spatial Planning and Natural Resource Management and the School of Engineering. We are re-aligning our academic programmes and research activities to the "Big Four Agenda" for National development so as to anchor them with the industry.

We have endeavored to bring you on a journey of experiences which help you to grow and transform. To the graduands, we have endeavored to bring you on a journey of experience which help you to grow and transform. The whole University celebrates with you. We are proud of your achievements. But there is much more to do, and today marks a new beginning. In conclusion, I call each of you to action, to go out from here, with confidence, with our blessings and best wishes, and work actively towards living a good and generous life. We wish you a merry Christmas and a happy new year. Thank you and May the Lord bless you!

**Prof. Stephen Agong', PhD, FAAS
Vice - Chancellor**

Division of Academic Affairs



Prof. Benson Estambale, PhD.
MBChB, DTM&H, MKNAS Ag. Deputy
Vice-Chancellor, Academic Affairs

I take this opportunity to congratulate the December, 2018 graduands on this auspicious occasion. The Year 2018 is a unique one in the history of our University given that during the same year we were able to hold two graduation ceremonies, one in March, 2018 and the second in

December, 2018. These great achievements put JOOUST in a strategic global position in offering quality University Education and diversifying our academic resources in transforming the society. It is worthwhile noting that since we got chartered in 2013, we have held six successful graduations with a remarkable growth in the numbers of graduands. We began with 429 graduands in May 2014, the growth has steadily scaled to 1984 to-date.

As a beacon of excellence and global leader in university education and sustainable development, the University through its talented and dedicated teaching staff, has developed market driven academic programmes that answer to the call of the Kenya Government's big four agenda; vision 2030;

Sustainable Development Goals (SDGs-2013) and the Africa Union Agenda leading to the empowerment of our graduands.

The University provides a serene environment for training and research and it will continue to partner with key stakeholders in ensuring that our students are provided with the best University Education.

May I also thank the parents and guardians for the support accorded to our graduands that enabled them finish their various programmes. May the Almighty God bless the work of your hands.

Finally, the University provides a hub for academic excellence both nationally and internationally and with a focused teaching staff, our motto of being an "Oasis of Knowledge" is securely anchored.

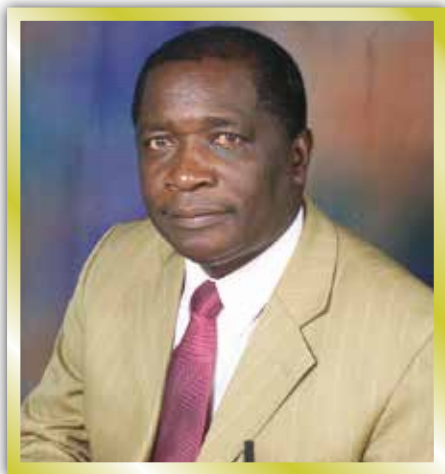


Dr. Walter Akuno, PhD
Registrar, Academic Affairs

Graduation Statistics

Year	2014	2015	2016	2017	March, 2018	December, 2018	Total
No. of Graduands	429	920	1062	1289	1444	1984	7128

Division of Research, Innovation and Outreach (RIO)



Prof. Benson Estambale, PhD.
**MBChB, DTM&H, MKNAS Deputy Vice-
Chancellor, Research, Innovation &
Outreach**

The Division of Research Innovation and Outreach (RIO) wishes to congratulate all the graduands as the University marks the 6th Graduation Ceremony. Driven by the desire to excel in research, and community outreach, the Division is responsible for building capacity for researchers, students and the community. In addition, the Division is responsible for mobilizing resources for the University.

In the current financial year, the Division has expanded in structure and staff. It now comprises of the Centre for Research, Innovation and Technology (CRIT), the Africa Centre of Excellence in

Sustainable use of Insects as Food and Feeds (INSEFOODS), the Directorate of Enterprise Services and the Directorate of Partnerships and International Affairs. With this expansion, RIO has up scaled its activities in order to see the University fulfil its mandate of conducting research and community service. Through guidance of members of staff in the Division, researchers and students can now be facilitated to patent their innovations. Arrangements are underway to commercialize some of the patented innovations. In RIO, we pride in community outreach programmes. This is exemplified by the numbers of public exhibitions, shows and conferences the Division has been coordinated. This year alone, we have participated in two important regional agricultural shows which include the Kisumu ASK Show and the Nairobi International Show. We have also participated at the Commission for University Education (CUE) as well as the Lake Region Economic Block (LREB) Exhibitions and Conferences. In addition, our collaboration with County Government of Siaya enabled us to host the Siaya Symposium and Cultural Festival as well as the 1st Siaya County Health Conference that was aimed at contributing towards universal healthcare, part of the Government of Kenya's affordable healthcare agenda. Similarly,

we have collaborated with many other stakeholders including the Kenya Industrial Property Institute (KIPI) leading to the successful launch of the Technology and Innovation Support Centre (TISC) used to support staff and students to access information and seek guidance on patents and patent registration. As a part of knowledge sharing process, the Division is planning to host a 2nd International Scientific Conference in March 2019 which will showcase what the University has in addition to learning from other partners.

Generally, the Division of RIO is taking strides to facilitate activities aimed at helping JOOUST achieve targets outlined in its research, innovation and community outreach agenda. We are confident that this year's graduating group will uphold the University's core values in fulfilling their obligations using the acquired knowledge and skills to enhance community and national development.



CS. Dr. Patrick Akhaukwa, PhD
**Registrar, Research, Innovation &
Outreach**

Division of Planning, Administration and Finance (PAF)



**Prof. Francis O. Anga'awa PhD,
Ag. Deputy Vice - Chancellor,
Planning, Administration &
Finance**

Graduation heralds an ending to years of brilliant academic effort. The Division of Planning, Administration and Finance (PAF) is proud to be associated with the graduates for achieving this commendable accomplishment.

To ensure training and qualification of our graduates, the Division is charged with providing qualified personnel and infrastructure to support the system and processes. To this end the division guarantees effective utilization of human and capital resources in the realization of the University's mandate.

The University Master plan (2013-2065) and Strategic Plan (2016-2021) provides the framework on which steady progress towards a world class University is anchored. In the current (2018/2019) financial year, the Division led the University through the transition and certification to ISO 9001:2015 to safeguard provision of quality services to all interested parties.

The division oversees the prudent management of University funds to guarantee financial stability and sustainability. The completion and commissioning of new the Teaching and Research Laboratory Complex will greatly enhance research and training activities in the University. Commencement of three new additional capital projects namely Tuition Block, Research Centre and Administration block will further boost provision of world class higher education environment to our students and other stakeholders.

This Graduation is our mark of approval for a quality product delivered to the market. As a Division, it confirms establishment of adequate and effective systems in the delivery of University mandate. To the new graduates, you are our quality products ready to utilize the ingredients (newly acquired knowledge) to better yourselves and make a better world. May your graduation be the beginning of all your dreams coming true. Good luck and congratulations.



**CS. Rosemary Ngesa
Registrar, Planning & Administration**



**C.PA Joseph M. Ndiku
Chief Finance Officer**



Prof. Reuben O. Mosi

Dean, School of Agricultural and Food Sciences

Two regional programmes: PhD and MSc in Food Security and Sustainable Agriculture have attracted several students from Africa.

Agriculture is a proven path to prosperity. All efforts are directed towards building a significant asset-base of technologies, competencies, knowledge and partnerships across agri-value chains that are matched with tested models to guide agricultural transformation. In an effort to respond to emerging development challenges, the School of Agricultural and Food Sciences (SAFS) has continued to review its curricula and develop new programmes relevant to national and global needs. SAFS is making significant strides in developing innovative agricultural

curricula for higher agricultural education to promote sustainable agricultural systems. SAFS is comprised of Department of Plant, Animal and Food Sciences; and Department of Agricultural Economics and Agribusiness Management, which offer undergraduate and postgraduate programmes. Two regional programmes: PhD and MSc in Food Security and Sustainable Agriculture have attracted several students from Africa. In the School programmes students are encouraged to exercise creativity and learned knowledge, and skills to address agri-food systems. The students are exposed to internships in centers of excellence in the country and are facilitated to undertake their industrial attachment with the institutions that have state of art research facilities.



Prof. Regina Nyunja

Dean, School of Biological and Physical Sciences

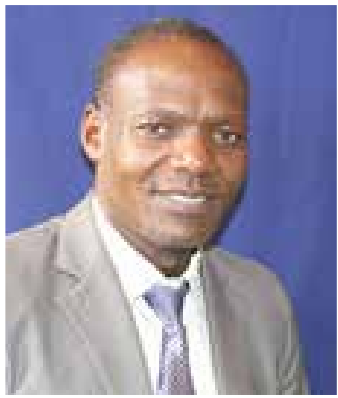
that of the University and this is reflected in the activities that run in the faculty through the two departments, Biological Sciences and Physical Sciences.

The school endeavors to improve the quality of teaching and research to staff and graduate students through regular training on modern research techniques and equipment such as the Infrared Gas Analyzer (IRGA) GFS 3000 IRGA, a modern technique for detecting and quantifying concentrations of diatomic gases. Recently the school received support through donations worth over 30MKsh of equipment for Chemistry laboratory and, a further 50MKsh worth of equipment for Biology Laboratory from Germany donors and more for the Physics labs from the United States. We are grateful to our partners in Research both local and international for this kind gesture.

Prof Martin Onani, a stakeholder and collaborator, from South Africa took part in a key university activity of program development and student mentorship. He addressed the students made ways for some of them to visit Universities in the south for postgraduate work. Similarly, the school also benefited from Prof Ephraim Vunain from Malawi. With visitors from China, we look forward to serious cotton research and molecular work come to fruition. We proudly present our PhD student in China Richard Magwanga who emerged the best overall international student with over 10 publications to his credit. Another PhD student Ms. Maria Usagi represented our school in Ethiopia for a training and was able to win a research award. We congratulate them for boosting our international image.

Recently the School received support through donations worth over 30MKsh of equipment for Chemistry laboratory from German donors, a further 50MKsh worth of equipment for Biology Laboratory from yet another Germany donor and more for the Physics labs from the United States.

The School of Biological and Physical Sciences mission and vision resonates with



Dr. Michael Oloko

Dean, School of Engineering and Technology

The School is keen on connecting engineering science and technology to industrial development to foster both economic and social development as evidenced in its out-reach activities addressing emerging issues relating to University niche areas of energy and water.

The School of Engineering and Technology provides quality academic training and pursues innovative research to respond to global challenges, with a commitment to nurture a culture of innovation and knowledge co-production. To support its academic programmes, the school has two departments; Department of Civil Engineering and Construction Management, and Department of Agricultural Engineering and Energy Technology. Over the last four years, the School has produced graduates in the following programmes; Bachelor of Science in Construction Management, Bachelor of Science in Renewable Energy Technology and Management, and Diploma in Building and Civil Engineering. Backed by highly qualified staff and practical experience imparted into the students by the deliberately designed programmes'

contents, our alumni are well placed and most of them are reported to be working in critical areas of our national economy, e.g. Energy and Construction. The school has established strong local and international collaborations through various research projects and partnerships to facilitate students' as well as staff's technical exposure to create greater opportunities for innovation and technical advancement. For continuous improvements from time to time, the school reviews and upgrades its programmes to meet requirements for the Commission for University Education as well as the necessary regulatory bodies. The following academic programmes are being developed and will be launched soon after the approval processes; Bachelor of Science in Civil Engineering, BSc in Agricultural Engineering, BA in Architecture and BA in Building Economics.



Prof. Fred Amimo

Dean, School of Health Sciences

The School is bound to grow by leaps and bounds as it graduates fully baked health practioners who are well prepared to offer first hand services to humanity.

There are two departments within the School of Health Sciences, each offering degree programmes leading to various health care professions. These departments are: Public Health and Community Health & Development and Biomedical Sciences.

The main objective of the department of Public Health and Community Health & Development is to prepare graduates for the health sector and the society who are able to carry out investigation, control, eliminate and prevent environmental health problems and their potential risks. The role of the department is to train Public Health Officers [Environmental Health Officers] and Public Health Technicians, Community Health Officers and Community Health Assistants to be change agents in the field of environmental health as part of the health sector main objective to promote and improve the health status of the Kenyan

populations. Whereas the core mandate for Biomedical is to equip graduands with knowledge and skills to be able to plan, conduct and evaluate experiments and to comply with health and safety regulations and research and interpret scientific literature. The School has the following academic programs: Certificate Programmes: Certificate in Community Health and Development. Diploma Programmes: Diploma in Community Health and Development, Undergraduate Programmes: Bachelor of Science in Community Health and Development and Bachelor of Science in Public Health. Post Graduate Programmes: Master of Public Health- Health Promotion and Epidemiology and disease control options, Master of Science in Biomedical Sciences, Master of Science in Epidemiology and Biostatistics, PhD in Public Health.

The School of Health Sciences, leans on the University's philosophy and Mission which is to provide a holistic approach to service to humanity mediated by sciences and technology.



Dr. Silvance O. Abeka

The School has set up an ultra-modern e- Learning laboratory of its kind in this region using n- Computing technology with a powerful visualizer to aid lecturers in delivering quality teaching and learning materials.

The School of Informatics and Innovative Systems (SIIS) aims at developing human resources based on modern Information technology, spreading research over the world in collaboration with local industry,

Dean, School of Informatics and Innovative Systems

and contributing to the local society and industry.

A number of our faculty and postgraduate students have received major research grants from the DAAD and National Research Fund. These are significant achievements that provide excellent opportunities for our students to engage in basic and applied research. A number of our students have also been involved in different Cyber Security boot camps and hackathons sponsored by International organizations such as IBM where they managed to scoop first and third positions this year. Our collaborators include; ICT Authority, Telkom Enterprise, Commonwealth of Learning, University of Cambridge, Africa China Business Forum (ACBF), ISACA, IBM, CISCO. We are proud to have set up an ultra-modern E- Learning laboratory of its kind in this region using N- Computing technology with a powerful visualizer to aid lecturers in delivering

quality teaching and learning materials.

SIIS offers the following programmes; PhD in Business Information Systems, PhD in Information Security Audit, PhD in IT and Management, PhD in Health Informatics; Masters in IT Security and Audit, Masters in Information Systems, MSc. In Health Information Systems; Bachelors of Science in Computer Security and Forensics, Bachelor of Science in Business Information Systems, Bachelor of Science in Library and Knowledge Management, Bachelor of Computer Science and Technology, Bachelor of Software Engineering; Diploma in Linux Engineering, Diploma in Information Technology; Certificate in Computer Technology and Applications; Certifications in Computer (ICDL, CCNA, CISA). We are currently working on other undergraduate programmes in Telecommunications, Mobile Computing and Data Analytics which will be rolled out soon.



Prof. Omolo Ongati

Graduates from this School have proven to be very competitive in the market

The School of Mathematics and Actuarial Science is a unique school that is proficient in teaching and research. The graduates from this School have proven to be very competitive in the market and have so

Dean, School of Mathematics and Actuarial Science

far received employment in lucrative work places.

The School offers Bachelor of Science in Actuarial Science, Masters in Applied Mathematics, Applied Statistics and Pure Mathematics. The Ph.D. courses offered are in Applied Mathematics, Applied Statistics and Pure Mathematics.

Currently, BSc. Mathematical Sciences, BSc. Applied statistics with Computing and BSc. Financial Mathematics are being developed. The School of Mathematics offers services to other Schools like; School of Education, School of Health Sciences, School of Biological and Physical Sciences, School of Engineering, School of Informatics & Innovation Systems, School of Humanities & Social Sciences, School of Spatial Planning & Natural Resource

Management and School of Agricultural & Food Sciences.

The School has highly qualified and dedicated members of staff who are committed to research, teaching and outreach. In the Financial Year 2017/2018, the research team under the leadership of the Dean conducted a short course training on statistical Data Analysis with R and SPSS where a total of forty (40) staff members and students were trained. The Graduates of BSc Actuarial science have the following prospective job opportunities in the industry: Insurance, Retirement Benefit Schemes, Healthcare, Regulatory Authority, Investment Banking, Merchant Banking, Commercial Banking among others.



Dr. Patrick Hayombe

Dean, School of Spatial Planning and Natural Resource Management

Awarded a Global Challenges Research Fund for Sustainable Development programme 2018 by The British Academy to the University of Sheffield UK in collaboration with Jaramogi Oginga Odinga University of Science and Technology and University of Cape Town, South Africa

The School of Spatial Planning and Natural Resources Management strives to promote integration of natural and social sciences to achieve sustainability in the society.

In the previous years, the school has achieved the following: Development of new

programs: MSc Integrated Water Resources Management and BSc in Fisheries and Sustainable Aquaculture Technology; Produced a University Valedictorian in the year 2016; Three (3) PhD students have been given scholarships by KLIP and Mistra Urban Futures; Three (3) members of staff have benefited from Post Doc scholarship for KLIP/Mistra Urban Futures; and Established collaboration for a short course in Integrated Water Resources Management with East Central University, Ada Oklahoma.

The school has been involved in research projects i.e. Sustainable Urban Futures funded by Kisumu Local Interaction Platform (KLIP), one of the platforms of Mistra Urban Futures and SIDA. There has also been involvement in capacity building for geospatial solutions funded by USAID. Collaborations include; Centre for Urban Studies in Cape Town under DFID funded project known as Consuming Urban Poverty, resulting in a book titled: *Urban Food Systems, Governance and Poverty in African Cities*

The British Academy has awarded a Global

Challenges Research Fund for Sustainable Development programme 2018 award to the University of Sheffield UK in collaboration with Jaramogi Oginga Odinga University of Science and Technology and University of Cape Town, South Africa (*Whose Heritage Matters? Mapping, Making and Mobilizing Heritage Values for Sustainable Livelihoods in Cape Town and Kisumu*).

The school has continued to establish collaboration with international universities for joint research, scholarships, outreach and exchange programmes for staff and students. These Universities include Chalmers University of Technology and University of Gothenburg in Sweden, East Central University Ada Oklahoma in the United States of America, University of Cape Town and University of Sheffield in UK. The school has signed a Memorandum of Understanding with Saiya County Government and Regional Centre for Resource Mapping and Development on Geographic Information Systems and Remote sensing and Environmental Systems Research Institute (ESRI East Africa).



Dr. Michael Nyagol

Dean, School of Business and Economics

The Bachelor of International Tourism students from the school in September, 2018 won an Ecowarrior award from Ecotourism Tourism Kenya for emerging the best under institution category in promoting tourism and culture.

The School of Business and Economics has three departments; Department of Accounting and Finance, Department of

Management and Economics and the newly created Department of Tourism and Hospitality.

Our mission is to train, mold and empower students to be responsive to industry needs, innovative for job creation and high level integrity in the business world.

We offer undergraduate and diploma degrees in Business Administration, Logistics and Supply Chain Management and International Tourism Management. The school also offers post graduate programmes which emphasize the integration of theory and practice of knowledge development. The course offered include; Master of Business Administration (MBA) In Accounting, Finance, Strategic Management and Supply Chain Management. It also offers

PhD programmes in all the above specified options.

The School also offers KASNEB professional programmes and through this linkage JOOUST is a KASNEB Education Centre. The School has qualified, experienced and well trained academic and administrative staffs that are committed to Training, Research and Outreach.

The School has made a myriads of outstanding achievements; It was the first school in the entire university to graduate a valedictorian, the Bachelor of International Tourism students from the school in September, 2018 won an Ecowarrior award from Ecotourism Tourism Kenya for emerging the best under institution category in promoting tourism and culture.



Dr. Samwel Okuro

Dean, School of Humanities and Social Sciences

The school continues to pursue the goal of developing students' soft skills for the betterment of our society with a special focus on social competence, ethical awareness and effective communication skills.

The School of Humanities and Social Sciences has remained consistent in its duty of developing academic programmes which respond to national, regional, and

global needs. The school gives prominence to such issues as international conflicts, human rights, ethics, religious traditions of acute contemporary relevance, economic and educational inclusion, institutions and governance networks, social and environmental resilience, changing media, literacy, identities and cultural memories, linguistic diversity, creative industries, cultural heritage, developmental disorders, psychopathologies, psychological disorders, addiction, and man-machine interactions. The school appreciates the notion that humanities benefit the society in a number of ways. For instance, they help create tolerance and understanding among citizens, thereby leading to social cohesion. They further aid decision-making, especially on the complex ethical issues that confront society as a whole. In addition, humanities can benefit the society by challenging certain established positions.

The school of Humanities and Social Sciences has three active departments namely Linguistics, Languages, and Literature; History, Religion, and Philosophy as well as Geography and Social Development. As well as being a co-implementer of the Bachelor of Education Arts curriculum, the school prides itself in developing innovative programmes which help in the delivery of its core mandate. Such programmes include BA in Development and Policy Studies, BA in International Relations and Diplomacy, Diploma in County Governance, Diploma in Public Administration and Governance, and Certificate in County Governance. At the postgraduate level, the school offers Masters of Arts and PhD degrees in History, Religion, Geography, Linguistics, Literature, as well as Kiswahili.



Dr. Jack Odongo Ajowi

Dean, School of Education

The School received a research grant of Kshs. 20,000,000 from the National Research Fund and was spearheaded by the Department of Special Needs Education and Early Childhood Development, on "creating awareness and Participation of Persons with Disabilities in Education and other Community Based Activities"

The School of Education has three departments: The Department of Special Needs Education and Early Childhood Development (SEND), Department of Psychology and Educational Foundations, curriculum and Educational Management that handles teaching Practice, a key component for teacher trainees.

JOOUST embraces inclusivity where students with Special Needs and/or Disabilities are assisted to access the regular curriculum and facilities. The School started the JOOUST Special Needs and Sign Language Club which has so far graduated students and staff on Basic Sign Language. The Club also participates in voluntary community activities. 350 students from the school took part in online courses offered by The Humanitarian Leadership Academy and received certificates.

The school received a research grant of Kshs. 20,000,000 from the National Research Fund spearheaded by the Department of Special Needs Education and Early Childhood Development, on "creating awareness and Participation of Persons with Disabilities in Education and other Community Based Activities"

In addition, the School is in the process of developing a policy on Humanitarian Assistance for Persons with Disabilities in the University, technology in teaching mathematics to learners with Visual Impairment, and innovation in the use of sign language in local contexts.



Dr. Darius Andika
Director, INSEFOODS

Africa Center of Excellence in Sustainable use of Insects as Food & Feeds (INSEFOODS)

The Center plays an essential role in the generation of new and/or expand existing knowledge in modern research and technology in edible insects science to enable the University contribute to the country's Medium-Term Plans, Vision 2030 and the Big Four Agenda, particularly that of Food and Nutrition Security.

The Commission for University Education finally approved the Center programmes after a thorough vetting process. The Africa Center of Excellence in Sustainable Use of Insects as Food and Feeds (INSEFOODS) now has a total of 51 students with 24% of this number being from the region. This is drawn from 2018/2019 academic year.

Of the total number, the proportion of female students is 45% to date i.e 23 female students out of 51 total students. The percentage representation of PhD students under INSEFOODS is 33% with the rest being Msc Students. The center has made substantial progress in attracting students from the region and female students from both local and regional. The female number enrolled is significant considering challenges facing females across the continent. The Center aims at attracting a higher number of females in the subsequent intakes.

The center has strategically developed a number of activities in the subsequent quarters with regional partners such as Chinhoyi University of Technology and Makerere University. During this

endeavor, more regional students are likely to be attracted.

INSEFOODS successfully developed 4 quality short courses. The courses were developed to address the emerging challenges facing the rural households. 34 local farmers were trained in May 2018 as TOTs on short course in rearing crickets for 5 days. It was visualized that they would cascade the technology in their neighborhoods, establish rearing hub centers in their locations and that this would go alongside improving the food and nutrition security status, enhancing their income generation and enabling them live above poverty line in the rural settings. Each trainee was awarded certificate of participation for Jaramogi Oginga Odinga University of Science and Technology. The center aims at developing more short courses to meet the market demands and impart sufficient agricultural knowledge with an intention of filling the existing knowledge gap in the market through capacity building.

The Center plays an essential role in the generation of new and/or expand existing knowledge in modern research and technology in edible insects science to enable the University contribute to the country's Medium-Term Plans, Vision 2030 and the Big Four Agenda, particularly

that of Food and Nutrition Security. In this endeavour, the center has been participating in both Regional and International Trade Fair Shows as a way of disseminating information and enhancing Community Outreach. This has promoted the Center's visibility and enhanced collaboration through sharing of dynamic novel research findings aimed at solving agricultural and food challenges in the nation and beyond.

In order to achieve its set targets, the Center has been collaborating with different partner institutions across the continent to explore and gain new ideas and resources critical in enhancing implementation of project objectives. In conformance to this, the Center has partnered with University of Ghana and Chinhoyi University of Technology through student and staff exchange respectively.





Prof. Christopher O. Gor
Dean of Students

Over the years JOOUST students have been known to be highly disciplined and noted for peaceful co-existence and maintenance of high academic integrity.

The Dean of Students' office creates an enabling environment for the student campus life. This entails provisions towards student wellness, making sure there is

Office of the Dean of Students

harmony among students, maintenance of good conduct and discipline within the university premises and beyond.

The Dean of Students represents the department in the University senate, Deans Committee and University Students' Disciplinary Committee. Services offered in this department include: Career placement, guidance and counselling, handling of general and HELB complaints, coordination of student activities (SAJOUST elections & Training on leadership skills), Coordination of Clubs and associations, Sports, International student's services, Work-study and vulnerable student's placements, Inter university outreach programs, Orientation of first years, Choir and Theatre performances and student's bereavement.

Achievements: The Enactus club members represented the University locally and internationally and registered outstanding performance. The University Choir has actively participated in the National Public Holidays and The Kenya National Music Festival from the year 2013 to date and have registered sterling performance earning them trophies and certificates. The Theatre team has actively participated in the National Drama Festival from the Year 2014 to date and have won trophies for first position and first runners up. Over the years JOOUST students have been known to be highly disciplined and noted for peaceful co-existence and maintenance of high academic integrity.



Message from President, Sajooust

"Go out there and publicize with pride what you have acquired from the "Oasis of Knowledge".

We give special thanks to Almighty Father for the gift of life and good health that He has granted to us this far. On behalf of the Student Governing Body, SAJOUST, Congress Persons and all students of Jaramogi Oginga Odinga University of Science and Technology, I take this opportunity to congratulate our graduands.

You have set the right path to follow in order to cope with the challenges of campus life. Learning from you has been our key happiness in the University. The light moments you shared with us comrades will be dearly missed. However, time has now come for you to reap what you sowed, irrigated and cultivated over your four years in campus. Let the challenges you faced strengthen and motivate you to acquire the virtue of being silent harbors of solutions to situations in life.

Go out there and publicize with pride what you have acquired from the "Oasis of Knowledge". Uphold high standards of discipline, hard work and the spirit of brotherhood that you've always shown. Build connections and be our good ambassadors as you join the job market. I also appreciate our parents as special

"graduands" who struggled and at times denied themselves in order to provide for their children who may not have had the opportunity to enjoy this privilege. We applaud you dear parents.

As I conclude, on behalf of all comrades, I want to give special congratulations to His Excellency the President. Uhuru Kenyatta and the Rt. Hon. Raila Amolo Odinga for the Conferment of Doctor of Sciences Degree that they are getting today and the exemplary leadership they have shown in Kenya and the great Continent of Africa.

God bless you all, God bless JOOUST!

Mr. PETER OORO.
SAJOUST PRESIDENT.

CAMPUSES



Dr. Benard Momanyi
Associate Dean

KISUMU CAMPUS

Congratulations to all graduands! The 2017/18 academic year has been a momentous year for JOOUST Kisumu Campus. I trust that you will look back at this point as a milestone in your own life. For many of you, this graduation represents the culmination of many years of lectures, tutorials, assignments, and the dreaded “exams”.

I hope, however, that you will also look at the

time you spent at JOOUST as some of the best years of your life; building friendships, achieving sporting and cultural highs, and yes, completing your degree. These are all things to celebrate. Many of you, I hope, will choose to come back to JOOUST for your postgraduate degree, and may in time join our researchers in trying to solve some of the problems facing Kenya, Africa and indeed the whole world. In this respect, I have to congratulate everyone, especially those postgraduate students who are graduating from our campus and who helped us collectively produce several publications. I would like to extend a vote of thanks to the parents, sponsors, and friends of all our graduates. Your support and encouragement have enabled these graduates to stand tall, so take a collective bow and bask in their achievements.

Our academic staff continues to inspire Kenyans to do the best research, and our students are clearly the best and their impact on the community will be warmly appreciated long after they leave JOOUST. 2018 was not without changes, notably one of bidding farewell to the St. Stephens, ACK Diocese where we have been since 2012, and now welcome our new home at the former Shady Gardens Academy, along Ojijo Oteku Rd in Millimani. I hope all new students, staff and prospective clients will find a warm home with us at our new premises for many years to come. We welcome all of you back to our serene campus as postgraduate students, researchers and mentors. To those who are leaving us, I say thank you, until we see you again, because you will always have a place in our hearts for you. Come back soon, our doors are always open.



Dr. Henry Onderi
Director

KISII CAMPUS

JOOUST Kisii Campus is built on two and half acres of land and is less than 25 minutes' walk from Kisii town center, at the Former St. Stephens Teachers Training college- Daraja Mbili in Kisii Town, Kisii County.

JOOUST Kisii Campus offers a true campus

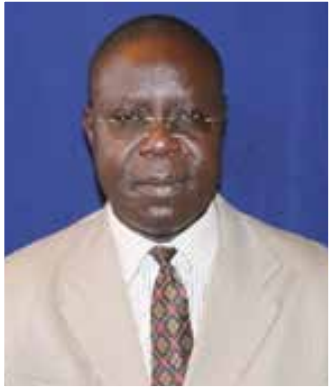
experience, and welcomes students from over 10 counties to a university campus setting, with an atmosphere that is both academic and lively. The campus has good learning facilities including a library, access to well-equipped computer room, spacious classes for studying, good cafeteria, grounds with ample parking, beautiful and tranquil gardens that enhance the peaceful and serene environment in which teaching and administrative buildings are surrounded by green open spaces, fields and well-manicured glass.

While studying at JOOUST Kisii Campus, you will discover it is the perfect student environment to get to know everyone and become part of an interdependent institution. It is definitely a great place to

live in and study. The campus is focused on creating meaningful environment that support your growth and development. Priorities include providing safe and facilitating experiences to assist you in your understanding of self and others.

The Campus offers programmes in six schools as below: In the School of Education. School of Humanities and Social Sciences, School of Informatics & Innovative Systems, School of Health Sciences, School of Business & Economics and School of Mathematics and Actuarial Sciences.

In its less than seven years of existence, the campus has experienced tremendous growth in student population from less than 50 in 2012 to the current 1300 as at the start of September 2018.



**Prof. Michael Okwara,
Director**

NAMBALE CAMPUS

Nambale Campus is situated in Nambale Township, 121 kilometers from the JOOUST main campus. The vision of the campus is to be a leading campus for training, research and innovation.

The Campus offers undergraduate, Diploma and graduate programs. The campus runs programmes offered on full-time, Institutional Based and weekend intensive modes to our clients. The programmes are run by

four schools: School of Business and Economics, School of Humanities and Social Sciences, School of Education and School of Health Sciences. The campus is in a serene environment and has a modern library that serves as a hub of knowledge dissemination to the student body and the community at large.



**Prof. Dennis Ochuodho
Director**

BOARD OF POSTGRADUATE STUDIES

The Board of Postgraduate Studies coordinates postgraduate programs in JOOUST. The University offers cutting edge postgraduate teaching and research training, leading to world-class degrees. The candidates are exposed to a rich program of coursework augmented by research work in terms of thesis and project work. Our programs are competitive, preparing candidates for a wide range of job opportunities in the academia, public service, management, social work and many other fields. Programs are offered from the Schools of Agricultural and Food

Sciences, Biological and Physical Sciences, Business and Economics, Humanities and Social Sciences, Education, Informatics and Innovative Systems, Health Sciences, Mathematics and Actuarial Science, and Spatial Planning and Natural Resource Management. Our postgraduate programmes are formulated in a manner that the graduates are market-demand oriented, with the capacity to understand and solve current challenges but also with a foresight to future opportunities and possibilities.



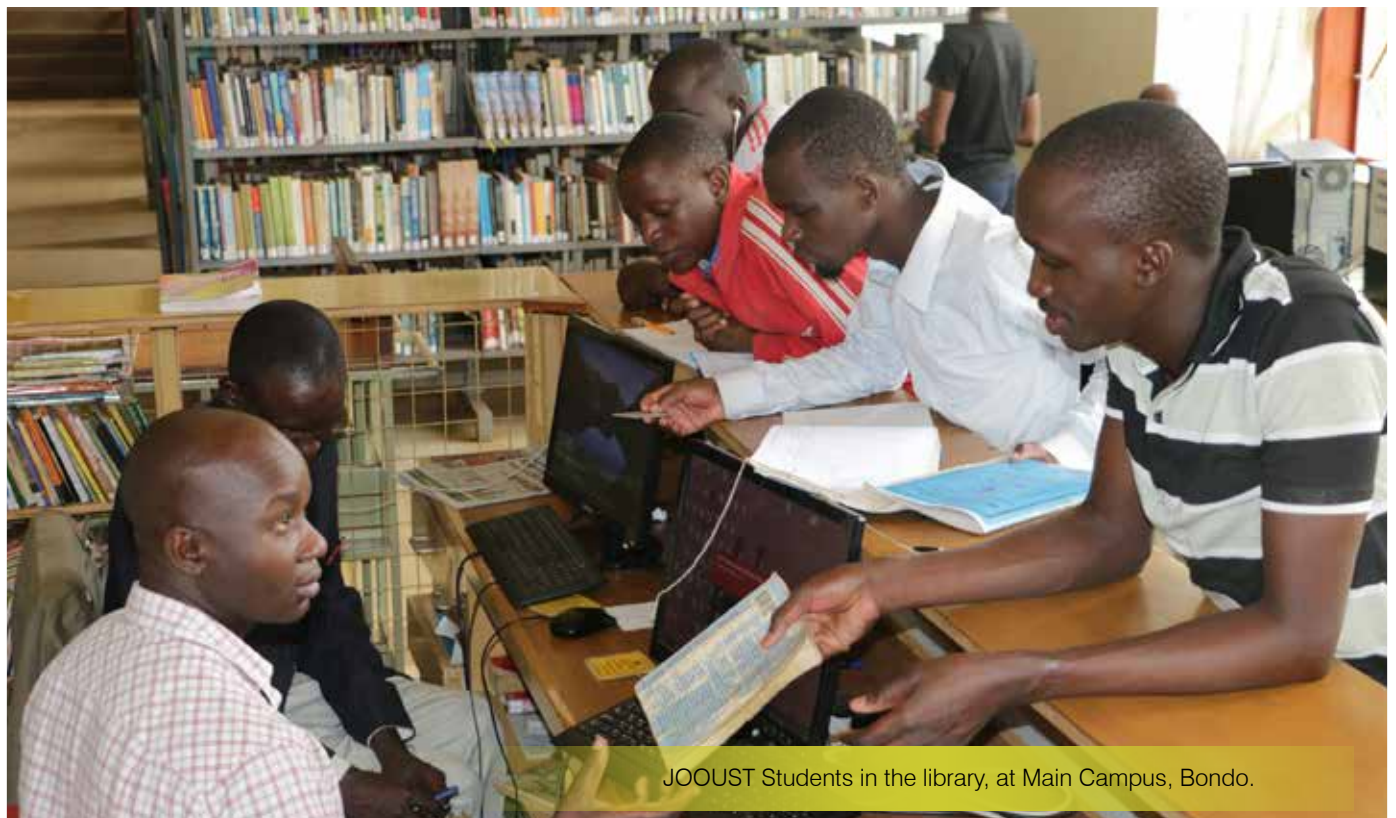
Dr. Festus Ng'etich
University Librarian

THE UNIVERSITY LIBRARY

It gives me great pleasure to congratulate you all on this memorable day of your graduation ceremony. There is no doubt that JOOUST Library through its seamless service delivery made a remarkable contribution towards this achievement. Our dedicated library team was always ready and onsite to help you locate and access information resources that you needed to meet the academic requirements for your graduation. Going forward, the library will

continue in its endeavor to develop quality information and knowledge resources that support the core business of the university which is teaching, learning, research and community outreach. We will remain steadfast in ensuring that our electronic resources are accessible both on campus and off campus. We will maintain our partnership with schools and their departments to ensure that the core and supplementary texts specified in the curricula documents are acquired and made accessible. While we pursue an aggressive information collection development for the library, we call upon our university professors and lecturers to share their research outputs through JOOUST Institutional Repository and other forms of Open Access (OA) technologies as a means of improving our visibility and webometric rankings. We shall continue in

our noble duty to impart information literacy skills to all our users to enable them access and utilize the large amounts of information resources available on the web through our library. We will continuously scan the technological environment to scout for new and powerful technologies that will enable our library users to benefit from information discoveries of and beyond the 21st Century. Once again, may I take this opportunity to wish you an enjoyable graduation ceremony and a successful career in the future. The Library fully equipped you with information and knowledge literacy skills that are competitive knowledge economy. As we release you today into the job and entrepreneurial industry, JOOUST Library will remain steadfast in its mandate to acquire, organize and provide unhindered access to quality information resources that will continue to inspire and facilitate.



JOOUST Students in the library, at Main Campus, Bondo.

Directors and Co-ordinators



Dr. Benard Muok,
Director, Centre for Research,
Innovation and Technology



Prof. Monica Ayieko,
Director, Partnerships and
International Affairs



Prof. Anthony Rodrigues
Director, ICT



Prof. Mildred Ndeda
Director, Gender
Mainstreaming and Development



Prof. Helen Atieno
Director, ACA & DPC



Dr. Pamela Raburu
Director, Quality Assurance &
Enhancement



Mrs. Valary Onyango, HSC
Director, Sports



Dr. Isaya Onjala
Co-ordinator, Institute of Cultural
Heritage & Material Science



Dr. Alice Nakhumicha
Coordinator, University Farms



Dr. Elijah Museve
Coordinator, University
Enterprises services



Dr. Lorna Grace Okotto,
Coordinator Research



Dr. Caleb Olweny,
Coordinator, Training &
Mentorship



Dr. David Ndegwa
Coordinator, East Africa
Community Integrated Institute



Mr. Kenneth Aduda
Coordinator, Business
Incubation



Dr. Titus Aminer
Coordinator, Teaching and
Examinations Timetabling

Pictorial



The University receives book donations from Text Book for Change (T4C). Looking on is Dr. Jonah Kangogo, Council Member, Vice-Chancellor, Prof. Stephen Agong' Deputy Vice Chancellor Academic Affairs, Prof. Joseph Bosire and University Librarian Dr. Festus Ng'etich.



Isiolo Governor, Hon. Mohammed Kuti receives a gift from Dr. Kamah Rogo during the opening of Siaya County 1st Health Conference.



JOOUST Theatre Team paints Nyamira town green during an intensive marketing campaign program, that saw the crew tour Nyamira, Kisii and Busia Counties.



INSEFOODS core team led by the Vice-Chancellor Prof. Stephen Agong' attend the Africa Centre of Excellence (ACE11) summit in Kigali Rwanda.



The University signs a Memorandum of Understanding with the Graduate School of Chinese Academy of Agricultural Science to foster collaboration in education and research.



University Management pay a courtesy call to Prof. Bethwell Ogot at his home in Yala, Siaya County.

“WITH HER: A SKILLED GIRLFORCE”

This was the theme that resonated during this year's Girl child day that was celebrated all over the world. The event was marked with pomp and colour in Siaya County by Dignitaries, schools, NGOs and Government officials.

The event hosted by the University attracted schools from around the region in a celebration that was officially graced by Her Excellency, Dr. Ida Odinga who was the Chief Guest. Dr. Ida Odinga encouraged the girls to be ambitious and be the best version of themselves. She urged the girls to avoid the easy lure of wealth that has recently resulted into deaths of young promising girls.

Prof. Joseph Bosire, the DVC Academic Affairs, who represented the Vice Chancellor asked the girls to utilize the opportunities available for them to have the best of their dreams in life. He alluded to the fact that the Girl child is already empowered through policies put in place by the Government like the gender rule. Prof. Bosire affirmed that ladies are very intelligent and can always have their way at will.

The event saw various schools that included, Maranda High School, Lwak Girls, Mbaga Girls, St. Oda School for the blind, Bondo Township among others who entertained the guests with poems, songs and dances that

resonated with the theme of the day.

Among the guests were the Deputy Governor Siaya County, Dr. James Okumbe, the 1st Lady Siaya County Rosella Rasanga, Prof. Jackline Oduol, Nominated Member of Parliament and Ms. Elizabeth Arende, Manager KCB bank Bondo.

The yearly event is organized by key stakeholders on matters girl child in the county and hosted by the University through the Gender Mainstreaming and Development Committee Prof. Mildred Ndeda the Director, Centre for Gender Mainstreaming and Development and chaired by Dr. Benson Odongo.



Maranda High School band entertain participants during the event.



H.E Ida Odinga, the Deputy Governor, Siaya County, Dr. James Okumbe joins the University, NGOs and other partners to celebrate the Girl-Child day.

VARSITY PARTNERS WITH GRADUATE SCHOOL OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES

The University has signed a Memorandum of Understanding with the Graduate School of Chinese Academy of Agricultural Science to foster collaboration in education and research. Through friendly negotiation, both parties agreed to sign the MoU in order to promote the advancement of scholarship and learning and to strengthen the friendship between the people of the two countries.

Both parties agreed to encourage the following activities, exchange of faculty and research scholars, training of students, Joint meeting or workshops, exchange of publications and other education and research information and lastly other academic collaboration agreed by both parties.

Powered by the shared interests in academia, JOOUST and its co-partner shall carry out education and research activities in the following areas: Crop Sciences, Plant Protection, Horticulture, Food Science and Food Safety, Agricultural biotechnology, Agricultural resource and Sustainable development, Animal Science, Veterinary Science, Agricultural Engineering and Mechanism, Agricultural Economics and Development and

lastly but not limited, to Agricultural Information.

The Memorandum was signed by Vice Chancellor Prof. Stephen

Agong' and Vice President of Graduate School of Chinese Academy of Agricultural Sciences, Sir Wang Chunxia.



The Vice-Chancellor Stephen Agong' presents tokens to the Chinese delegation when they visited the University.



JOOUST REPRESENTS KENYA AT ENACTUS WORLD CUP

Jaramogi Oginga Odinga University of Science and Technology (JOOUST) was announced the 2018 National Champion during this year's Enactus Kenya National Exposition. This was held in Pride Inn Hotel Nairobi on the 8th of June 2018, hosting 33 Universities both in the private and public sectors. JOOUST Entrepreneurial Action for us All (Enactus) project *Panda Kenya*, stood out as the most creative and impactful community oriented project. The team proceeded to represent Kenya in San Jose in the USA for the Enactus World Cup from 9th-11th October, 2018.

The *Panda Kenya* project aimed at supporting current Government efforts to increase forest cover in Kenya, improve on community livelihood and food security. Its implementation took two phases, rehabilitation of land and forests towards increased farm productivity; and secondly to provide the community with a renewable source of energy in offsetting charcoal

burning by production and use of water hyacinth briquettes.

The team participated at the National competitions for the first time in 2017 where they scooped the 2nd position, much to the surprise of older teams and were nominated the most active team. The team's Faculty Advisor Merrilyn Chizanga Kiaka who is also the founder of Enactus JOOUST Chapter, was nominated the Faculty Advisor of the year. The team was granted a US Dollar 1,000.00 award, by Ford Motor Company Fund last year and this year respectively.

The Vice-Chancellor Prof. Stephen Agong' reiterated the University's commitment to increase forest cover in Siaya County. He said that the University in line with its Corporate Social Responsibility agenda, would strengthen community oriented

initiatives and projects for the benefit of the society while addressing challenges that face the community.

"All through the year, the students have volunteered their time and skills to impact lives via community development projects, trainings and thematic events." Said Prof. Agong'. Each student led team implements community development projects, which are then presented to business leaders during the annual Enactus Kenya National Exposition for evaluation.





Participants keenly follow proceedings during the 1st Siaya Health Conference.

JOOUST HOSTS 1st SCIENTIFIC HEALTH CONFERENCE

The University played host to the first Siaya County Health Conference themed: “Health Research for Evidence-Based Health Care in a Devolved System”. The Conference was organized by The County Government of Siaya through its’ Health Department.

Speaking during the official opening of the event at the University’s Assembly Hall, the Chief Guest H.E Dr. Mohamed Kuti, the Governor Isiolo County, who also doubles up as the Chairman of Health Committee in the Council of Governors, applauded the organizers of the conference terming it a move in the right direction and challenged other counties to learn from Siaya.

Speaking during the event, Dr. James Okumbe, Siaya County Deputy Governor noted that the County had engaged various partners in its quest to address Health concerns within the County. Among the partners are PATH,

CDC, CHS, World Vision, KMET, PEPFAR and Impact Research and Development Organization among others.

Prof. Dr. Kama Rogo a lead Health Consultant for the World Bank termed Siaya as a county with many firsts. Prof. Rogo challenged Siaya professionals to lead by example by giving back to their homeland the top expertise they have. “Siaya is known to be the home of brains. Most respected health professionals come from Siaya. It therefore beats reasoning that we still lose our members even from simple diseases like malaria.” Posed Prof. Rogo as he gave his Key Note address at the Conference.

While representing the Vice-Chancellor, Prof.

Stephen Agong’ at the Conference, Prof. Benson Estambale, Deputy Vice Chancellor, Research, Innovation and Outreach, assured the researchers that the University is ready for any meaningful research partnership that would make a positive impact in the community and beyond.

The three-day event brought together academia and health professionals in the Health Sector from all over the Country.



Isiolo Governor, H.E Mohamed Kuti inspects display stands during the Health Conference at the University.

JOOUST COUNCIL HOLDS SENIOR STAFF ENGAGEMENT LUNCHEON

JOOUST Council welcomed the University's Management organs led by the University Management Board, Senate, Committee of Deans of Schools and the various Heads of Departments to a luncheon at the University's cafeteria.

The strategic luncheon held at the beginning of the financial year 2018/2019 was hailed as of great benefit to the University as the University heads sat down to bring their heads together for the smooth running of the University.

While saluting the staff during the luncheon meeting, the out-

going Council Chairman Dr. Walter Ongeti congratulated the university staff for a job well done in the past financial year and encouraged staff to upscale their performance in this financial year. The chairman promised the Council's commitment on acting on requests that would improve performance for a better University. Dr. Ongeti, however, challenged the staff to be ready for performance contracting that they must defend through their hard work.

On his part, the Vice Chancellor Prof. Stephen Agong' thanked the Council for the good relations

and support they have continually accorded the University since they came in office. Echoing the chairman of council's statement, the VC told the staff that this particular financial year which has marked the beginning of his second tenure presents a tough time and every employee of the university must rise up to the task. "This is a very difficult period for all of us, starting with me, we must be prepared to work, I will not tolerate non-performers." Said Prof. Agong'.



Members of staff receive a word of advice from the former Chairman of Council Dr. Walter Ongeti before the luncheon.

UNIVERSITY SHINES YET AGAIN AT KISUMU A.S.K SHOW

Jaramogi Oginga Odinga University of Science and Technology maintained its high performance at the Kisumu Regional ASK show this year. The University Scooped top awards in Best Innovation and Invention Stand and the Best Stand in Research and Development. In addition, JOOUST got second prize awards in the following categories; The Best Stand Demonstrating the Application of Environmental Quality Standards, The Best Organization/Association in Community Projects/Service, The Best University Stand and The Stand that Best Interprets Current Show Theme (Education and / or Research).

The trophies were awarded to the University by the Chief Guest Dr. Andrew Tuimur, the Chief Administrative Secretary, Ministry of Agriculture and Irrigation, who was accompanied by H.E. Gov. Cornel Rasanga, the Governor of Siaya County.

As a University of Science and Technology, JOOUST has utilized the opportunity during this year's Kisumu Regional ASK Show to showcase her prowess in research and Innovation. The University presented new innovations in green technology in waste water treatment, automated fire detection

and alert systems and solid waste management through the 3-R philosophy, Reduce-Reuse-Recycle, traditional cooling pot

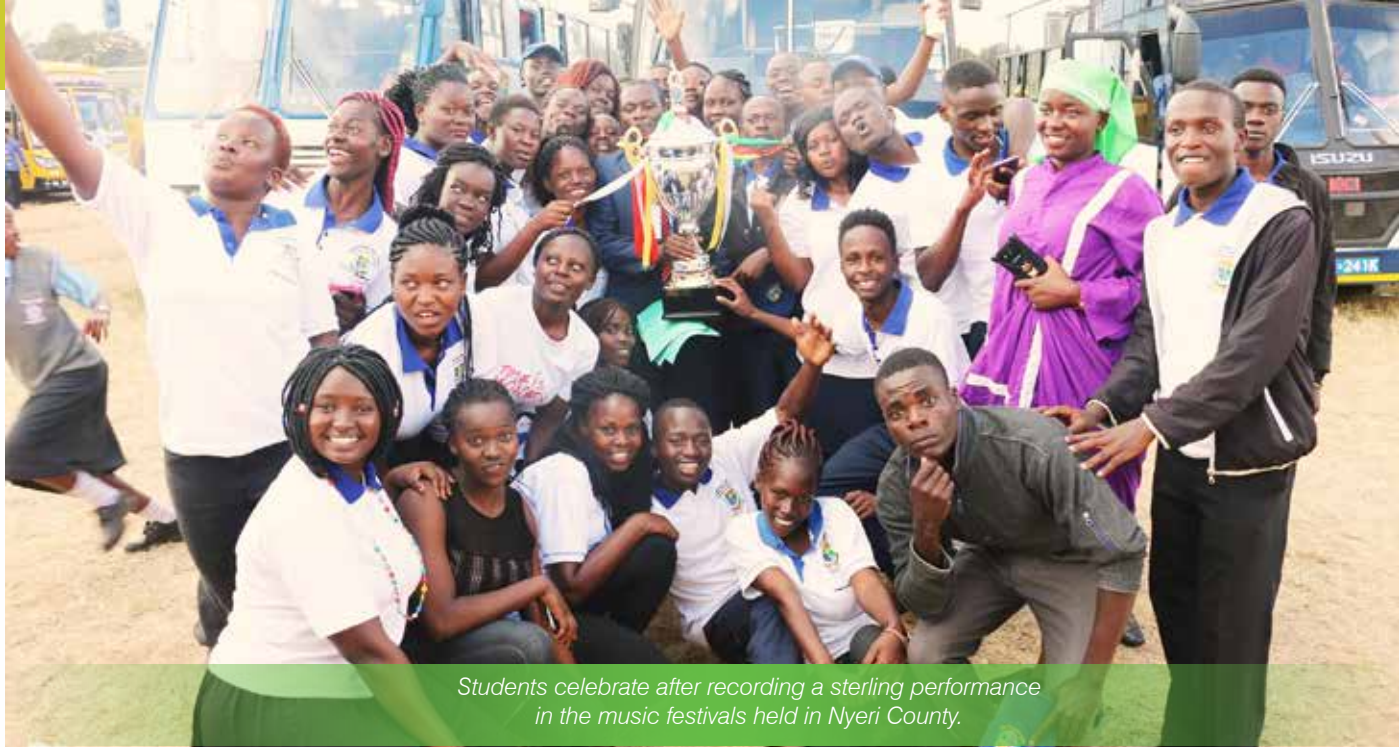
technology and smart roads Kenya technology which aims at informing road users on the condition of roads, among others.



Show judges inspect innovations on display at the University stand during the Kisumu Agricultural Show.



JOOUST Scoops Awards at Kisumu ASK Regional Shows -July, 2018.



Students celebrate after recording a sterling performance in the music festivals held in Nyeri County.

UNIVERSITY CLINCHES TOP POSITIONS IN PERFORMING ARTS

Jaramogi Oginga Odinga University of Science and Technology Student Choir recorded a sterling performance at the 2018 National Music Festivals in Nyeri County. The University Choir scooped top awards in Class 657 with their own composition on the Big Four Agenda as was pronounced by the President, H.E Uhuru Muigai Kenyatta. The University also won trophy for the first position in Class 601, which is a special class for ladies' set piece (*unaccompanied*) that attracted 15 entries from different Universities.

JOOUST Choir also got certificates for the second best positions in Classes 634 for Advanced Composition and 626 ladies set piece (*accompanied*). The other award for the third position was for class 685, African Folksong with Sacred text.

The meritorious performance of the Choir has been through support of the University Management Board led by the Vice Chancellor Prof. Stephen

G. Agong', the tactical training of Dr. Zablon Maua and Madam Mildred Mundhe and the zeal of the students who are committed to exploring.

At another event, JOOUST Drama Club triumphed in the just ended Kenya National Drama festivals that took place in Moi Girls and Lenana School in Nairobi County. The unshakable and disciplined team garnered 5 trophies in the following categories; Best item on Good Governance and Management practices, Best item on Enhancing our National Values, Best Narrative on National Cohesion and Integration, Best Narrator 2ND Runners up and Best Actress Runners up.

While receiving trophies at the Main campus Bondo, the Vice Chancellor Prof. Stephen Agong' congratulated the drama team for their excellent performance and pledged support for such teams to help them realize their full potential while exhibiting their talents.

The Dean of students Professor Christopher Obel Gor who accompanied Students challenged them to take performing arts seriously as it pays more than some professional careers.

The team was also congratulated by UNESCO officials from the Kenyan Commission who came visiting the University on official duty.



Dr. Zablon Maua receives a trophy on behalf of the University.

LAUNCH OF DISABILITY AWARENESS PROJECT IN SIAYA



The project team, partners and participants take a group photo after the launch of the project.

The University officially launched Promoting Awareness and Participation of Persons with Disabilities in Education and Community based Programmes (PAPPS) at the County Commission headquarters in Siaya. The project was launched by the Vice Chancellor Prof. Stephen Agong', in the company of Siaya County Director of Education Japheth Masibo, County Commissioner Siaya County Michael Ole Ntialal and Coordinators of persons with disability programmes at county level.

While giving his remarks, Vice Chancellor Prof. Agong' demystified a University being an ivory tower by echoing that JOOUST was changing this by integrating persons with disabilities into the University community. He added further that the University has an open door policy that encourages interaction with members of the community from all walks of life. Mr. Ntialal on his part told the participants that they are the voice of the people.

In attendance were Chiefs from sub

counties within Siaya County, who were given the mandate to reaching out to the persons with disability as the awareness starts from community level.

This project comes to life after JOOUST and five collaborating partners secured funding from the National Research Fund to conduct Action Research in Promoting Awareness and Participation of Persons with Disabilities (PWDs) in education and other community based programmes



The University Management team pay a courtesy call to the County Commissioner Siaya County Michael Ole Ntialal in his office.

in Siaya County, Kenya. The team behind this phenomenal project is Dr. Charles Omoke, who is also the Principal Investigator, Prof. Joseph Bosire, Prof. Benson Estambale, Dr. Ruth Otieno, Dr. Pamela Raburu, Dr. Washington Wachianga, Dr. Henry Onderi, Mr. Fredrick Oluoch and Dr. Mary Onditi.

The research will focus on Siaya County predominantly based on statistical data which shows Siaya having a high prevalence of persons with disabilities in the country. The partners in collaboration with the University are Sabatia Eye Hospital, Deaf Aid International, National Council for Persons with Disabilities, Leonard Chesire Disabilities and Ability Africa Foundation. The projected attracted a funding of Ksh 18,930,000. The project's implementation phase involves establishment of infrastructure and establishment of a Skills Lab for Special Needs and Inclusive Education. The team hopes to have the project successfully implemented and concluded in two years.

JOOUST CAMPUSES

In response to the growing need for quality education, and following the upsurge in popularity of its academic programmes, Jaramogi Oginga Odinga University of Science and Technology has 4 campuses in Bondo (Main Campus), Kisumu, Kisii and Nambale.

Kisumu Campuses is located in Milimani along Awuor Otiende Road, straight from Huduma Centre, formerly Shady Gardens Academy. The Campus currently offers all courses available at the

main campus including those in Education, Humanities, Health, Business, IT and Professional Courses. The modes of learning are flexible. One can choose between weekend intensive, or school based and evening.

Kisii Campuses: is situated at the Former St. Stephens Teachers Training college-Daraja Mbili in Kisii Town, Kisii County. Conveniently tacked some 200 meters away from the hustle and bustle of Kisii CBD, the Learning Centre

boasts if spacious classroom, ample parking, serene gardens that enhance the peaceful and tranquil environment. There adequate and affordable privately run accommodation is available in the neighborhood.

Nambale Campuses is situated in Nambale Township, 121 kilometers from the JOOUST Main Campus. The Centre has highly qualified, committed and experienced academic staff and has sufficient lecture halls and library.

Academic Programmes

Jaramogi Oginga Odinga University of Science and Technology invites applications from qualified candidates to pursue various Postgraduate, Undergraduate, Diploma and Certificate programmes at its various Campuses: Main Campus in Bondo Town, Kisumu, Kisii and Nambale Campus.

1. SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

Bachelor of Science in: Agribusiness Management; Food Security; Soil Science; Horticulture; Plant Breeding; or Agricultural Education and Extension

Master of Science in Agricultural Extension Education

PhD in all agricultural related areas

2. SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCES

Bachelor of Science in: Biology, Chemistry, Physics

Master of Science in: Plant Ecology; Plant Taxonomy and Economic Botany; Microbiology; Parasitology; Immunology; Molecular Biology; Entomology; Plant Pathology; Chemistry; Biomedical Science

PhD in: Plant Ecology: Plant Taxonomy and Economic Botany; Parasitology; Microbiology; Immunology; Molecular Biology; Entomology; Plant Pathology; Agro-forestry Chemistry

3. SCHOOL OF ENGINEERING AND TECHNOLOGY

Diploma in Building and Civil Engineering

Bachelor of Science in Renewable Energy and Technology Management

Bachelor of Science in Construction Management

4. SCHOOL OF HEALTH SCIENCES

Certificate in Community Health & Development

Diploma in Community Health and Development

Bachelor of Science in Public Health

Bachelor of Science in: Community Health and Development

Master of Science in Epidemiology and Biostatistics

Master of Biomedical Sciences in: Medical Entomology; Parasitology; or Immunology

Master of Public Health

PhD in Public Health; Community Health and Development

5. SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

Computer Packages

Certificate in Computer Technology Applications

Executive Certificate in Computer Forensics and Cybercrime Investigation

Diploma in: Linux for Engineering and IT Professionals; Computer Studies; or Computer Technology and Applications Studies

Bachelor of Science in: Computer Security and Forensics; Information Communication Technology; Business Information Systems; Library and Knowledge Management; Computer Science and Technology

Master of Science in: Information Systems; Information Technology Management; Information Technology Security and Audit; Health Informatics

PhD in Business Information Systems;
PhD in Information Technology and Audit

6. SCHOOL OF MATHEMATICS AND ACTUARIAL SCIENCE

Bridging Course in Mathematics

Bachelor of Science (Actuarial Science) with IT; Industrial Mathematics; Pure Mathematics; or Applied Statistics

Master of Science in Applied Statistics; Actuarial Science; Mathematics; Applied Mathematics; Industrial Mathematics; Financial Mathematics

PhD in: Pure Mathematics; Applied Mathematics; or Statistics

7. SCHOOL OF SPATIAL PLANNING AND NATURAL RESOURCE MANAGEMENT

Bachelor of Arts in Spatial Planning

Bachelor of Science in Water Resource and Environmental Management

Master of Arts in Project Planning and Management

Master of Science in Urban Environmental Planning and Management

PhD in Planning

8. SCHOOL OF BUSINESS AND ECONOMICS

Certificate in: Business Administration; or Tourism Management

Diploma in: Tourism Management; or Business Administration

Bachelor of Business Administration (with IT)

Bachelor of Logistics and Supply Chain Management

Bachelor of International Tourism Management

Master of Business Administration

Master of Logistics & Supply Chain Management

Executive Masters of Business Administration

PhD in Business Administration

9. SCHOOL OF EDUCATION

Diploma in: Special Needs Education; or Early Childhood Development Education

Bachelor of Education (Arts) with IT

Bachelor of Education (Science) with IT

Bachelor of Education in Early Childhood Development and Education

Bachelor of Education (Special Needs Education)

Master of Education in: Planning and Economics of Education; Guidance and Counselling; Educational Psychology; Educational Administration; Curriculum Studies; Pedagogy; Educational Technology; Special Needs Education; Early Childhood Development and Education

PhD (in all the above listed areas)

10. SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Diploma in Community Development

Diploma in County Governance

Bachelor of Arts in Linguistics

Bachelor of Arts in Development and Policy Studies

Bachelor of Arts in Geography and Natural Resource Management

Master of Arts in Geography; Religion; History; Linguistics; Literature; Kiswahili

PhD in: Geography; Religion; History; Linguistics; or Literature

MODE OF DELIVERY

Full-Time Programmes

Weekdays: 8.00 a.m. to 7.00 p.m.

Part-Time Programme (Continuous)

Weekdays: 5.30 p.m. to 8.30 p.m.

Weekend Intensive: 8.00 a.m. to 5.00 p.m.

APPLICATION PROCEDURE

Application forms are available at the offices of the Administrator of respective Campuses or on the University website (www.jooust.ac.ke) upon payment of Ksh 3500 PhD, Ksh 3000 Masters, Ksh 2000 undergraduate and Postgraduate programmes, Ksh 1500 for Diploma Programmes and Ksh 1000 for certificate courses at Equity Bank, Account No 0750294239156 Bondo Branch or Cooperative bank, Account No. 01129955709500, Siaya Branch or at any other branch of the two banks countrywide Dully filled application forms and bank receipts should be returned to the respective Campuses or the office of the registrar Academic Affairs at Jaramogi Oginga Odinga University of Science and Technology.

Enquiries on fees and other details should be directed to the offices listed below:

Registrar (Academic Affairs)
Jaramogi Oginga Odinga University
of Science and Technology.

P.O. Box 210 – 40601

Bondo

Tel: 057-2501804/0704314648/057-2058000

Email: racademic@jooust.ac.ke

The Principal
Kisumu Campus

Tel: 057-2022575

Email: kisumu@jooust.ac.ke

The Director

Kisii Campus

Tel: 0714038433 / 0722113785

Email: kisc@jooust.ac.ke

The Director

Nambale Campus

Tel: 0714019239

Email: nambale@jooust.ac.ke

Website: www.jooust.ac.ke



JARAMOGI OGINGA ODINGA
UNIVERSITY OF SCIENCE AND TECHNOLOGY

2ND

JOUST INTERNATIONAL CONFERENCE

26TH FEBRUARY – 1ST MARCH 2019 : KISUMU- KENYA



Theme: Promoting Creativity, Innovation and Productivity for Sustainable Development

This conference provides opportunity for participants to discuss the state of knowledge and practice in the priority areas for development set out by the Government as provided under each sub-theme. This is an opportunity for the academia, private sector, government and other stakeholders to identify trends and needs in training, research and policy priority areas while strengthening interaction, networking, development of collaborations and linkages in order to realize inclusive and sustainable development.



CALL FOR PAPERS, POSTERS AND EXHIBITS

Papers, Posters and Exhibits are accepted in five sub-thematic areas as follows:

Sub-theme I: Agriculture, Food Security and Nutrition
Technologies to improve agricultural productivity; Food accessibility; Alternative sources of food and feed; Promoting a smallholder farmer-focused research agenda; Enabling infrastructure for food systems; Climate technologies for food security; Governing agricultural innovation and policy coherence; Socio-economic and cultural issues.

Sub-theme II: Human Capital Development for Sustainability
Educational and social reforms; Universal Healthcare and Healthcare Systems, Communicable and Non-Communicable diseases, Maternal and Child Health; Capacity building - community programs, youth employment, Knowledge management; Disability, gender equity and empowerment.

Sub-theme III: Green and Blue Economy
Environmental degradation and conservation, demographic impacts and natural resources; Biotic including aquatic ecosystems; Environmental impact assessment; Climatic Change and adaptation strategies; Eco-shelters; Clean Energy trends and technologies; Energy efficiency, low carbon technologies for manufacturing; Smart and sustainable materials.

Sub-theme IV: Industry, Innovation, Infrastructure and Inclusive Human Settlements
Resilient infrastructure; Inclusive and sustainable industrialization and innovation; Inclusive, safe, resilient and sustainable cities and human settlements.

Sub-theme V: University-Industry Partnership and Governance
Current trends and best practices in multi-stakeholder Partnerships/Linkages including Industry, Civil Society and other stakeholders; Knowledge sharing expertise; Technology and financial services; Public-Private Partnerships; Corporate governance - Strategy, Performance, Culture.

Pre-conference Symposium

Students are invited to a special Pre-conference session on 26th February, 2019 to make presentations on their on-going research which will be attended by senior scholars.

Targeted Participants

Researchers and Scholars in Local, Regional and International Universities and Research Institutes; Practitioners, National Governments, the Private Sector, County Governments, Regional economic initiatives and Civil Society.

Submission of Abstracts and Papers

Author(s) should submit Abstracts and Papers at <https://easychair.org/conferences/?conf=2jooust2018>

Submission of Posters and Exhibits

There will be an exhibition/poster presentation during the conference. Space will be provided at the conference venue for individuals and organizations to exhibit their products and services.

Exhibitors and poster presenters will be expected to send half a page description for selection. Accepted posters will be asked to produce a poster for display at the conference. Maximum poster size is A0 (0.84 x 1.19 m) in portrait orientation.

Submit your Posters and Exhibits to conferences@jooust.ac.ke

Important Dates and Timelines

Deadline for Submission of Abstracts	- 31 st December 2018
Feedback on Accepted Abstracts	- 21 st January 2019
Full Paper Submission for Review	- 9 th February 2019
Conference dates	- 26 th Feb 2019 to 1 st March 2019
Feedback on Papers for Publication	- 7 th March 2019
Submission of Final Camera Ready Papers	- 15 th March 2019
Publication of Conference Proceedings	- 25 th March 2019

Conference Fees

Category	Registration	
	KSH	US\$
Students	4,000	40
Local Regional Participants (East Africa)	12,000	120
International Participants	16,000	160
Exhibitors	20,000	200

Registration fees will cover refreshments, conference materials and lunch only. Accommodation is available within Kisumu City at affordable rates. The Secretariat may assist in bookings and reservations on request. Payments should be made to Jaramogi Oginga Odinga University of Science and Technology at Kenya Commercial Bank, Account No. 1117122409 Bondo Branch. Swift Code KCBLKENX(Kenya Shillings A/C) or Barclays Bank, Acct. No. 2024513516, Kisumu Branch. Swift Code BARCKENX (Dollar A/C).

For enquiries and more information, contact:

The JOUST Conference Secretariat
Email: conferences@jooust.ac.ke
Telephone No. Safaricom: 0791696414 and Airtel: 0738432051
Or See website <http://conferences.jooust.ac.ke>

Venue



Grand Royal Swiss Hotel
(Kisumu - Kakamega Road), Kisumu, Kenya
Telephone : +254 (0) 5785 100 030
Email Address : Info@grandroyalsswissshotel.com
Website : <http://grandroyalsswissshotel.com>