



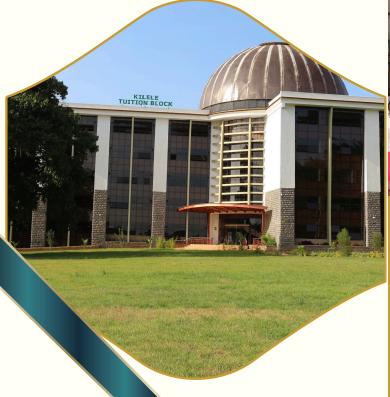
KYU ANNUAL NEWSLETTER

An Online Annual Publication of Kirinyaga University





University Chancellor, Senior Counsel Dr. Fred Ojiambo, MBS, addressing the congregation during the 8th Graduation Ceremony on September 27,





Lush Green gardens at the KyU Administration

B.Sc. Clinical Medicine graduands reciting the Oath of Service at the auditorium during rehearsals on Thursday 6 2023 ahead of the 7th **Graduation Ceremony** on Friday October 7, 2023

Block

Kirinyaga University is ISO 9001:2015 Certified

Innovative Technology for a Dynamic World

WHY STUDY AT KYU

Kirinyaga University set in a welcoming and accessible forested environment, 1hr 30 minutes drive from Nairobi, is far enough to offer a serene study environment away from home but close enough for convenience. We offer market sensitive academic programs tailored to careers in Information Technology, Health Sciences, Engineering and Technology, Architecture and Built Environment, Textile Technology, Business, Education, Pure and Applied Sciences.

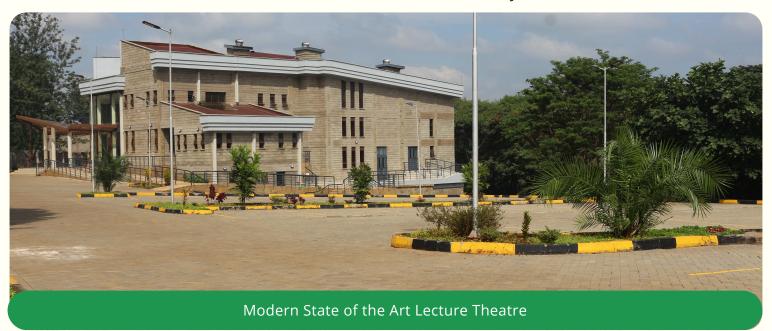
Kirinyaga University is grounded boldly on innovative technology founded on imparting skills relevant to industrial development in Kenya and beyond.

Prof. Charles O. A Omwandho Deputy Vice Chancellor Academic, Research & Students' Affairs (ARSA) Our Programs are benchmarked with the best in the world and curriculum delivery ICT driven. That our lecture notes are posted on e-learning platform 48 hours to scheduled lectures encouraging our students to engage in enquiry based learning, self and team driven open discussion in class, clearly sets us apart from the rest.

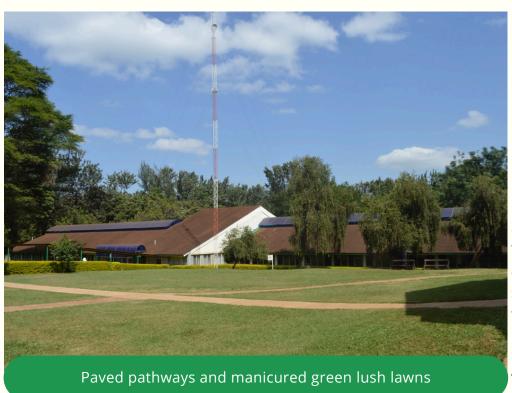
Students' participation in sports, politics and other extracurricular activities as well as community engagements develop them into well rounded functional members of society. The structured mentorship and work-study programs enhance care for the needy and overall integration into the KyU family. Our industrial placements provide the much-needed link to complement theory-based teaching to real life industry needs.

That students' lecture attendance are electronically tracked and reports given to students in a timely manner maximizes students' lecturer contact and, eliminates the possibility of taking university examinations without adequate preparation. Students and staff have uninterrupted Wi-Fi on the Campus. For first time visitors, the breath-taking view of Mt. Kenya on clear sunny days and uninterrupted green carpet of Mwea rice fields are additions to our exceptional beauty.

Come see, appreciate, join and belong to this close-knit family.



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BACKGROUND (HISTORY) OF KIRINYAGA UNIVERSITY

Kirinyaga University (KyU) located approximately 115 Km North East of Nairobi on Sagana - Embu - Highway is the successor to Kirinyaga University College (KyUC) which was established as a constituent college of Jomo Kenyatta University of Agriculture and Technology (JKUAT) through a Legal Order No. 108 of August 2011. Kirinyaga Technical Institute, the predecessor to KyUC, was conceived by the people of Kirinyaga in 1971 when the former head of state His Excellency the late President, Hon. Daniel Arap Moi C.G.H., M.P. (then Vice-president of the Republic of Kenya) launched Harambee Fund Raising Drive at the request of Kirinyaga people. Kirinyaga County Council then set aside 200 acres of land for the institute at Kutus and additional 50 acres acquired at Kangaita area on the slopes of Mt. Kenya. The Institute opened doors on March 2, 1977 when 72 students were enrolled. 48 students were admitted in the Building and Construction Department and 24 in Clothing and Textile Technology Department.

New programs training were Plumbing introduced in and Electrical Installation in the early and mid nineteen nineties. Kirinyaga University College (KyUC) admitted its first students in September 2012 into two Bachelor degree programs, namely Bachelor of Science Commerce and Bachelor of science Mathematics and Computer and thereafter Science tremendously number in of academic programs, student and staff population with commensurate facilities to host 13 academic degree programs at the time of charter in October 2016.

The University was granted charter by His Excellency Hon. Uhuru Kenyatta the then President of the Republic of Kenya on October 7, 2016 with academic programs, and has since grown to forty nine under graduate and thirty nine post graduate degree programs currently. The University has positioned itself to be a leader in training and mentorship of human resources with relevant skills, competencies, attitude and aptitude to create employment rather than just employees in Business, Engineering and Technology, Pure and Applied Science, Education and Health sciences in line with the national focus on vision 2030.

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UNIVERSITY COUNCIL MEMBERS



Dr. Idris Muhumed Kosar Chairman of Council PharmD (Philadelphia College of Pharmacy, Philadelphia PA)



Mr. Silas Jakakimba
Council Member
PhD International Law & State
Security, University of the
Witwatersrand, LL.M & LL.B
UoN, PGDip (KSL)



Ms. Margaret Kathambi GitongaMBA, Strathmore University,
BCom, UoN



Dr. Milton Njuki Member, Rep. PS, SHER, MOE PhD MBA (KU), B.Ed (KU)



Ms. Ursula Sabina Oyatsi Council Member MBA, ESAMI, BCom, UoN



Dr. Benson Momanyi Mwaniki Council Member Ph.D. Business Administration, JKUAT, MBA University of Dar es Salaam, BBA, University South Africa, CPA Part3 Sec5 KASNEB



Mr. Elijah Nyamamba Member, Rep. CS, National Treasury B.A. Economics (Shiraji University, India), M.Sc. Procurement, JKUAT



Macharia
Member, Rep. Inspectorate
of State Corporations
MBA (USIU), BA (UON), CPA - K
(Member), Dip. ICT
(Strathmore University)

Mr. Ibrahim Khamis Mutwafy Council Member

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THE VICE CHANCELLOR'S DESK

Steering the University into the future

Prof. Mary Ndung'u, Vice Chancellor Ph.D. (JKUAT), M.Sc. (KU), EMBA (JKUAT), B.Ed. Science (KU)

WELCOME MESSAGE

It is my humble duty to welcome you to KyU and affirm our commitment to providing quality education to qualified students. KyU has engaged qualified faculty and non-teaching staff to ensure all academic and welfare needs are met for our students. We pride ourselves in having evolved from a Technical training institute hence our values of 'hands-on knowledge' have moved with us in this new dispensation.

The Vice chancellor's Desk: Steering the University into the future

Kirinyaga University's vision is Innovative Technology for a Dynamic World. It acknowledges innovation as a tenet in reengineering self in business, while embracing technology to provide solutions to a fast-changing world. Our graduates are prepared with this focus in mind.

To achieve this vision, our mission has been diligently crafted to ensure that KyU continuously enhances the institutional capacity to work with and influence change. We have transformed ourselves from a small technical institution of less than 400 students and built on the dreams of the founders to a now a full-fledged University of 13,000 students in the four schools of Business and Education, Engineering and Technology, School of pure and Applied Sciences, and School of Health Sciences. That is change.

Our programs have grown from two Bachelor degree programs in the year 2013 to more than 100 Bachelor and postgraduate programs. That is change and growth. The growth of the university has been strategically planned to ensure that our services and products speak to global needs. We are indeed the preferred university for quality training in technology, ICT, Health Sciences, Education and Enterprise.

We pay attention to early signals of change and continue to explore different possible ventures. This has enabled us to sail through challenges, including Covid-19 and associated its post pandemic effects on social-economic fronts including curriculum delivery. Strategic foresight and futures thinking, as enshrined in our strategic plan, will help Kirinyaga University engage in transformation and shape the future.

Our infrastructure development, has emphasized the design and realization of appropriate and innovative places and spaces for teaching and learning, research, operations in support of academic projects, student welfare, and social engagements. The emphasis is on providing an enabling environment for teaching and learning, and research that is fit for purpose now and in the future.

In our growth, we are focused on infrastructure and services to enhance student experience as our brand. We have created a modern, vibrant and striking campus designed to attract and support staff and student talent, donors, industry interest and the broader community.

We are proactive.



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The Deputy Vice Chancellor: Bolstering Academic Excellence and Research

That we confess "innovative technology for a dynamic world" is deliberate. We mould our students embrace transformational approach to creativity and to hold the "we can hack it" intellectual attitude. We are firmly anchored on the virtues of discipline and accountability to oneself and all else, hard work, honesty, resilience and team approach to challenging assignments. We hold firmly to our "Fair Go Philosophy" embracing fairness and accountability to oneself, to all in the University and elsewhere. Our training facilities are world class giving our students the confidence to craft their creativity and innovation to address the ever-changing global industry needs.

THE DEPUTY VICE CHANCELLOR

Bolstering Academic Excellence and Research

Prof. Charles Omwandho, DVC
Academic, Research & Student Affairs
Ph.D. (Newcastle, Australia), M.Sc., B.Sc.
Hons (UoN)

Our training strategies are only comparable to those at Kirinyaga University. To maintain this, we are deliberate about the choice of equipment we procure for training and the character of faculty tasked with the responsibility of mentoring and imparting confidence in our students to sustain creativity and remain relevant and adaptable to global industry needs. That we touch everything to excellence is the craze that drives us to giving our all to the students. We hold open innovative engagements through annual innovation days where students showcase their innovations and winners awarded prizes.

We reach out to future innovators by including high school students in our innovation programs to promote interest and excellence in STEM subjects through annual Mathematics Contest and robotics assembly and function competitions to ensure sustainability of innovation beyond our timing.t goes without saying that Kirinyaga University is the place for ambitious young minds to develop and nurture ambitions to nurture their talents and achieve their utmost goals. Our faculty post lecture material on elearning (Masomo) platform 48hours to scheduled lectures. This approach enables students to actively engage with the lecture material before and during class, a practice that clearly sets us apart from other players in the industry.

We are bold and "ready to tackle" challenging tasks driven by our hidden feeling that we have what it takes and that the "world cannot contain us". That we have grown the University to a robust institution in only less than ten years is testimony that we have it.

We have responded well to global research, technology and innovation needs by holding annual International Conference that attracts contributors from the entire African continent and as far as Australia, United States of America, Europe, Middle East, Japan and South America and in addition to host two journals namely; African Journal of Business, Economics and Industry (AJOBEI) and African Journal of Science, Technology and Engineering (AJSTE).

Through these conferences and Journals, we have created an interactive platform for global researchers to share their expertise, discuss great ideas, and plan future research, innovation and technology dimensions. We develop industrial tools to interact with and improve quality of human life and experience through establishment of cottage industries to enhance human livelihoods. Discipline is our number one character for we believe that it is the only way to mentoring great achievers. And we think "that we can actually end it here" lest we forget andtinue







OFFICE OF THE REGISTRAR, ACADEMICS: "IT STARTS HERE"

"It Starts Here"

Wallace Kamau, Registrar Academic, Research & Student Affairs MA PPM (UoN), Bachelor of Env. Studies Science (KU)

WELCOME MESSAGE

It is my humble duty to welcome you to KyU and affirm our commitment to providing quality training and education to qualified students. KyU has engaged qualified faculty and non-teaching staff to ensure that academic and welfare needs are met for our students. We pride ourselves in having evolved from a Technical training institute to a fully flegded university and that our values of 'hands-on knowledge' have moved with us in this new dispensation.

Our Commitment and Services

The Office of the Registrar, Academics, Research and Student Affairs (ARSA), is at the heart of our academic operations, ensuring that your journey from a prospective student to a proud graduate is smooth and enriching. Our core responsibilities include:

- Undergraduate Students' Admissions: Guiding you through the application process, ensuring you have all the information you need to join our vibrant community.
- Orientation of New Students: Helping you acclimatize to university life through comprehensive orientation programs.
- Management of Student Records:
 Maintaining accurate and secure records through your academic journey at KyU.

- **Supporting Learning in the Schools:** Assisting schools to provide an optimal learning environment.
- **Preparation of Annual Academic Calendar:** Planning and scheduling academic calendar to keep you informed and organized.
- **Evaluation of Credit Transfer:** Assessing and accrediting your prior learning experiences.
- Co-ordination of Examinations, Processing and Declaration of Results: Ensuring fairness and efficiency in examinations processing and declaration of results.
- Preparation of Academic Transcripts and Certificates: Documenting your academic achievements.
- Graduation: Orchestrating a memorable and dignified graduation ceremony at the end of your academic journey with us.

In addition to these vital functions, we also provide coordination for ceremonial functions and secretarial support to the University Senate and its standing committees.

Accessible Information

We believe in transparency and accessibility. That's why we provide extensive information both online and physically at the respective desks in the University. Our social media accounts on Facebook, Instagram and X are active channels where you can reach out to us with your queries and comments where applicable. We also have a dedicated WhatsApp message board accessible on 0728499650.

"It Starts Here"

At KyU, we understand that your academic journey is not just about attending classes and earning a degree. It's about embarking on a transformative experience that shapes your future. The Office of the Registrar; Academic, Research & Student Affairs(ARSA), is here to support you every step of the way. From your first day as an undergraduate to your triumphant walk across the graduation stage, remember: it starts here.

Welcome to KyU, where your future begins.







BRIEF FOR ISO9001:2015 CERTIFICATION AT KIRINYAGA UNIVERSITY

CPA Peter Kagika,
Chief Finance Officer and ISO
Management Representative, Kirinyaga
University
CPA K, MBA (DeKUT), BBA (KeMU)

I take this opportunity to give highlights about the Quality Management System (QMS) based on ISO 9001:2015 standard in Kirinyaga University. ISO 9001:2015 was published on September 15, 2015. Organizations which were ISO 9001:2008 certified including Kirinyaga University were given three years to transition to this new ISO standard (ISO 9001:2015). This meant that the ISO 9001:2008 standard become obsolete on September 14, all ISO 9001:2008 result, 2018. As а certifications issued in 2015 and earlier expired on September 14, 2018. However, organizations were allowed to transition at their own pace. Consequently, certification bodies had to establish their own individual dates for ISO 9001:2008 audits. Kirinyaga University went on record to be the second University in Kenya to be ISO 9001: 2015 certified, after Meru University. The journey towards Kirinyaga University transitioning to Quality Management System based on ISO 9001:2015 started in July 2016 when the identified Dual dimensions University consulting Ltd to guide the process.

The first step involved appointing and training a team of 38 champions from various departments and sections within the university to map out the transition process in the operations of the University. This was followed by training of middle management and awareness training to all members of staff. A comprehensive documentation review of Quality Management System procedures based on the new standard was then done.

Some of the benefits of ISO 9001:2015 QMS to the University include but not limited to;

- Enhanced customer satisfaction.
- Helping the University to address risks and opportunities in a structured manner.
- Engaging members of staff in leadership through inclusion committees.
- Ensuring consistency in provision of services that meet customer needs and applicable statutory and regulatory requirements.
- Broadening business opportunities by demonstrating conformity to this international standard.

To monitor implementation of QMS at Kirinyaga University, the ISO Management Representative's office conducts at least 2 Internal Quality Audits per year. The certification body also conducts annual surveillance audits to confirm proper implementation of the standards.



PROCUREMENT OFFICE

Esther W. Ndirangu
Senior Procurement Officer
MSC Procurement and Logistics
BSC Purchasing and Supplies
Management
MCIPS, MKISM

At the heart of every successful academic institution lies a strong support system that ensures resources are available to facilitate learning, teaching, and research. At Kirinyaga University, the Procurement Department plays a vital role in this ecosystem by aligning procurement practices with the academic mission of the University.

Over the years, procurement department has continued to prioritize timely acquisition of resources and services to support both faculty and students. From procuring essential teaching and learning materials, ICT infrastructure, laboratory equipment, and library resources to facilitating smooth running of academic conferences and workshops, our focus remains on ensuring that academic units have what they need to thrive.

In addition, the department has embraced transparent and efficient procurement processes that guarantee value for money while upholding accountability. By working closely with academic departments, we ensure that their unique needs are met whether it is the acquisition of specialized equipment for research or ensuring availability of learning facilities that support innovative teaching methods.

As the University advances its strategic plan and continues to grow, the Procurement Department remains committed to supporting academic excellence. We recognize that every textbook supplied, every laboratory instrument delivered, and every service contracted contributes to shaping students' experience and strengthening University's reputation as a center of excellence in knowledge.

We take pride in being a crucial partner in this journey and reaffirm our dedication to continuous improvement, innovation, and collaboration in service to academic mission of Kirinyaga University.



LEGAL OFFICE

Jane Wangechi Ndegwa,
Deputy Chief Legal Officer
MBA (Strategic Management)
Postgraduate Diploma in Law
Bachelor of Laws
Certified Public Secretary (K)

The Legal Department at Kirinyaga University plays a central role in ensuring the institution's operations and collaborations are carried out within the framework of the law. As the university expands its academic programs, builds partnerships and undertakes new initiatives, the department provides legal support necessary for growth and compliance.

One of the department's primary roles is drafting and reviewing of Memoranda of Understanding (MoUs). These agreements are established between Kirinyaga University and key partner institutions such as institutions of higher learning, industry, hospitals and professional organizations. These partnerships facilitate collaborative research, faculty exchange and benchmarking opportunities for the University. Through the MoUs students are placed for internship, attachment and academic exchange, ensuring that partnerships are mutually beneficial and legally sound. The legal team ensures that every MOU is properly structured, clearly outlining the rights and obligations of each party, safeguarding the interests of the University whilst facilitating growth of the institution through collaborative exchanges.

Beyond MoUs, the Legal Department oversees the entire process of contract signing, drafting and review. This includes contracts with service providers, suppliers, funding bodies and other stakeholders. Each contract undergoes a thorough legal analysis to safeguard the University's interests, mitigate risks and ensure compliance with applicable laws and policies.

The Legal Department equally plays a crucial role in interpretation of laws, drafting and reviewing of the University Statutes and policies hence ensuring that the university's policies and procedures remain up to date with current legislation, regulations and statutory guidelines.

The Legal Department serves as the official legal advisor to Kirinyaga University. It provides guidance to the university's administration, management and governing bodies on a broad spectrum of legal issues, including employment law, intellectual property, governance and regulatory compliance. By offering proactive counsel, the department helps the university uphold compliance, avoid potential disputes and navigate complex legal environments.



ESTATES DEPARTMENT

CREATING AWARENESS FOR CLIMATE CHANGE THROUGH TREE GROWING

Eng. Kipyegon L. Cheruiyot, Estates Manager B. Eng Civil and Structural Engineering, Moi University

In an era where climate change poses significant challenges to our planet, every action counts. At Kirinyaga university, we join global efforts to combat climate change through tree planting. This simple yet powerful act holds immense potential for environmental preservation and community engagement.

Trees are often referred to as the "lungs of the Earth," and for good reason. They play a crucial role in absorbing carbon dioxide- a major greenhouse gasand releasing oxygen. Each mature tree can absorb about 21 kilograms of carbon dioxide per year, which is roughly equivalent to the amount of CO₂ produced by a car driving 41 kilometers. By planting trees, we help mitigate the effects of climate change and improve air quality.

In addition to carbon sequestration, trees provide numerous other benefits. Thus help regulate temperature, prevent soil erosion, and support biodiversity by providing habitat for wildlife. Moreover, urban forests and green spaces can enhance mental health and well-being, offering serene environments for relaxation and reflection. Addressing climate change is a collective responsibility. While individual actions are crucial, systemic change is achieved through community effort. Our university's tree initiative is not just about the physical act of planting; it about fostering a culture of environmental responsibility and making sustainability a core value of our institution.

By coming together to grow trees, we are not only contributing to a healthier planet but also setting an example for future generations. Each tree we grow is a step towards a more sustainable future, and every participant in this initiative is a vital of this global movement. university is proud to have launched its tree growing initiative, which aims to increase green coverage across the campus and surrounding community. This initiative is part of a broader sustainability strategy that seeks to reduce our carbon footprint and foster environmental stewardship among students and staff.

This is done through organized tree growing events. These gatherings are a great opportunity to meet fellow students and staff, get hands-on experience with growing, and contribute to making a greener campus. The National tree growing campaign launched in 2022 targets growing of fifteen (15) billion trees by the year 2032 to achieve 30% tree cover in Kenya. The campaign aims at reducing greenhouse emissions, stopping, and reversing deforestation. Tree growing has emerged as a powerful sustainable solution to mitigate the adverse effects of climate change reduce environmental and degradation.

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To realize this target, each University is expected to grow 130,000 trees per year. KyU has heeded to this call by holding several tree planting events through:

- The National Tree planting day marked on Friday May 10th 2024 at the University farm by students and staff.
- Elimu tree planting day launched by the Ministry of Education on 17th May 2024. The university carried out this initiative on 24th May 2024.

In the last financial year, the University grew 11,420 trees comprising of fruit trees and exotic trees.

For more information on how to get involved, visit our university's estate office. Together, we can make a lasting impact on our environment and contribute to a brighter, greener future for all.







VC, Prof. Mary Ndung'u(in white overcoat), led staff and students in a tree planting exercise at the university farm on November 13, 2023.



ICT DEPARTMENT

Isaac Kairu -Ict-Incharge B.Sc. IT Karatina University Dip. IT JKUAT CCNA 1-3 JKUAT

KYU EMBRACING TECHNOLOGY IN TEACHING AT KILELE TUITION BLOCK

Kilele Tuition Block, a modern and state of the art tuition complex, was officially opened by the University Chancellor, Senior Counsel Dr. Fred Ojiambo on December 8, 2023. This building can accommodate more than 3,000 students and houses 27 lecture rooms, 22 of which are equipped with Smartboards that combine the traditional whiteboard's functionality with the interactive features of a computer. These smartboards allow for interactive lessons enabling lecturers to display presentations, videos, and use educational software directly on the board. They also foster collaborative learning, as students can work together on the board to solve problems or brainstorm ideas thus enhancing teamwork and active participation. Additionally, virtual classrooms can be conducted through these smartboards, enabling lecturers to teach remotely while students follow the lesson online via the screen.

Kilele Tuition Complex is set in a hospitable, accessible lush green environment, featuring paved pathways and well-manicured lawns. The compound includes comfortable seating areas with tables and chairs, creating a serene and conducive environment for students to study. Security is a guaranteed, with 24-hour CCTV surveillance, a fenced perimeter, and security personnel guarding the premises round the clock. To ensure uninterrupted power supply, the complex is equipped with solar panels at the rooftop and a standby generator as a backup in case of power outages.



A demonstration of how an Interactive Digital Whiteboard works during the Smart Campus Project Launch in September 2025

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DIRECTORATE OF ACADEMIC QUALITY ASSURANCE

Hannah. W. Wambugu, Director
Academic Assurance
Ph.D. Marketing (KeMU), MIBM
(Gothenburg University, Sweden), B.Ed.
Arts; Business and Economics (KU)

The Directorate of Academic Quality Assurance (DAQA) ensures that quality assurance policy is effectively implemented. This guarantees continuous improvement of academic quality, and performance management in line with the Commission for University Education's (CUE) standards and guidelines. To achieve this, the directorate ensures strict adherence to the process of curriculum development and implementation. Additionally, it reviews delivery of content, as well as evaluation of the learners and faculty. This office is also charged with the responsibility of ensuring programs offered in the university are accredited, thus it is always in touch with CUE regarding submission of the programs, evaluation and resources allocation to support curriculum implementation.

The Directorate ensures faculty are trained on pedagogy to keep them abreast with contemporary issues in University teaching. This is in cognizance of the fact that some faculty do not have pedagogy skills given their areas of training. For instance, in response to the demands of the new Competency Based Curriculum rolled out by the Ministry of Education in 2017, the directorate has ensured that training of the faculty was done in May 2024. DAQA continuously monitors the effectiveness of services offered to the learners by undertaking surveys on learners' satisfaction levels, and the findings are presented to the university management to advise improvement where applicable.

The Directorate is aware of the importance of relevant programs and the role stakeholders play in provision of quality education. In view of this, the Directorate conducts exit surveys to obtain graduands' satisfaction levels every year. DAQA also conducts industrial satisfaction surveys through the students' alumni office. The surveys help KyU to continuously improve the provision of quality education to the learners.



DEAN SCHOOL OF BUSINESS AND EDUCATION

Dr. David Njoroge
Ph.D. HRM(JKUAT),M.Sc. HRM (JKUAT),B.Ed.
Arts(Moi University),BHRM(KU)

The School of Business and Education (SBE) was the pioneer school when the university was started in 2013 as a constituent college of Jomo Kenyatta University of Agriculture and Technology. The pioneer class had 150 students, but the school has since grown and currently has two departments namely The Department of Business Studies and the Department of Education. The school boasts a student population of more than 5,000 students. The school runs15 Bachelor degree programs, post- graduate Diploma in Education, four master degree programs and PhD in **Business** Administration. The school also offers Proficiency courses in:

- Senior Management and Supervisory Skills
- Certified Public Accountant.

SBE is proud to have a large and highly qualified faculty that is committed to delivering quality training and education, through use of innovative teaching and learning methods using state of the art technology. Teaching is tailored to meet the diverse needs of the learners, and is also highly interactive to facilitate participatory knowledge sharing and dissemination. The faculty act as facilitators of learning rather than a source of knowledge. Small discussion groups is a norm that makes learning memorable and relatable. Online teaching for both undergraduate and postgraduate students is provided, making it possible to meet the unique needs of the working class and the students who may not be available during conventional hours. This has helped in keeping students' dreams alive without disrupting their working life.

The School of Business and Education placed its first cohort of students pursuing Bachelor of Education in Arts, Science and Bachelor of Technology for Teaching Practice in May, 2023. In May 2024, the second cohort of students (628) started their three months long Teaching Practice. Successful assessments conducted in June and July 2024. Reports from school administrators clearly showed that our students performed exemplary well with many confessing they wished our students had completed their four years course as they would have offered them employment. Industrial Attachment took place for 467 third year business students in May 2024, who have just concluded the exercise in August 2024.

Our faculty research has continued to address important social problems. An example is an on-going project spearheaded by Dr. Dennis Muchangi, Dr. Grace Kiiru, Dr. Agnes Mutiso and Dr. David Kabata, who have invented a portable cotton ginning machine. Farmers can now gin their cotton right from their farms and sell lint cotton at up to Ksh. 260 as opposed to Ksh. 72 per kilogram for unginned cotton, which has helped in empowering the cotton farmers. Preparations to receive first year students in late August 2026 is currently ongoing. The commitment of the faculty and eager students is an inspiration every day. Welcome to the School of Business and Education.

Dr. David Njoroge Dean, School of Business and Education



DEAN SCHOOL OF PURE AND **APPLIED SCIENCES AND** SCHOOL OF ENGINEERING AND TECHNOLOGY

Dr. Peter Wanjohi

Ph.D. Applied Mathematics (UoN), M.Sc. Applied Mathematics (KU), Bachelor of Education Science (KU)

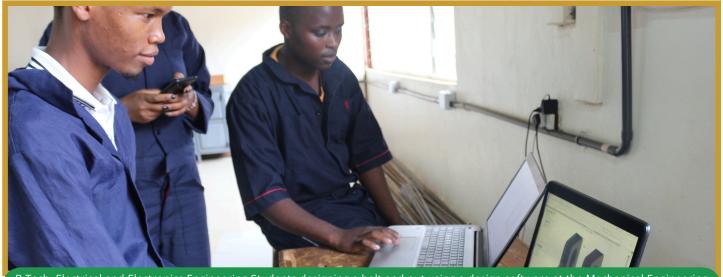
programs, including Biology, Chemistry, Physics, Technology, Information Science and Computer Science providing students with The school takes pride in the achievements of its specialization in disciplines or entry into the workforce upon graduation.

The School of Pure and Applied Sciences at Faculty at the School of Pure and Applied Sciences are Kirinyaga University offers a diverse range of actively involved in research activities, contributing to doctoral publication in refereed journals, conferences, and degrees in Biology, Information Science, seminars that promote innovation and intellectual Applied and Computational Mathematics, Pure growth within the academic community. Recently, a Mathematics, Information Technology, and member of the faculty won a Mozilla Foundation Statistics. The school offers master degree award to conduct research on Responsible Computing programs disciplines in Pure mathematics, using animated videos to teach responsible Mathematics, Statistics, Biostatistics, Data computing among first-year students. This highlights Science and Analytics, Actuarial science, the school's commitment to excellence and cutting-Information edge research.

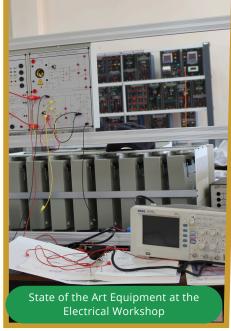
specialized skills and knowledge relevant to students, who have excelled in competitions like the industry. The school offers a variety of NRF Hackathon 2024 and the Microsoft Imagine Cup. bachelor degree programs including Bachelor In the NRF Hackathon 2024, a third year computer of Science degrees in Statistics, Applied science student and his team won the competition Statistics, Financial Engineering, Mathematics securing cash prizes and laptops. The students also and Computer Science, Actuarial Science, claimed 2nd runners-up in the innovation category Industrial Chemistry, Analytical Chemistry, also earning cash prizes. In the Microsoft Imagine Information Technology, Business Information Cup, four students pursuing BSc Computer Science Technology, Computer Science, Computer and BSc Software Engineering excelled in the 2023 System Engineering and Software Engineering. Microsoft Imagine Cup Competition, winning multiple These programs are designed to provide phases and finishing 2nd in the Education category at students with a solid grounding in their the 2023 World Finals. These achievements showcase respective disciplines, preparing them for the school's students' talent and innovation on their chosen national and international platforms.

Through strategic partnerships with industry leaders such as The JiTu (The Giants in Technology), students from the school have access to valuable attachment, internship, and employment opportunities. This has enhanced their practical skills and preparing them for successful careers in the tech industry. For the last three years (2022-2024), the organization has attached 200 students from the school.

Moreover, the department of pure and applied sciences actively engages with the community by hosting annual mathematics contests for secondary school students. During the contest, the department also provides guidance on academic programs and opportunities at the university. The school therefore remains committed to fostering a culture of academic excellence, research innovation, and community engagement, creating a conducive environment for students and faculty to thrive and make significant contributions to their respective fields.











DEAN SCHOOL OF HEALTH SCIENCES

Dr. Immaculate Marwa
Ph.D. Nursing Science(KwazuluNatal,SA),M.Sc. Nursing,B.Sc. Nursing
(Baraton)

Congratulations, the graduating class of 2024! The journey has been long, but finally you have reached your destination by attaining a degree from Kirinyaga University. It has been an honor to witness your tremendous growth over the years. I am honored to join your parents, guardians, family and friends to celebrate you as you graduate from KyU.

The journey you started as freshmen ends today. This also marks a new dawn for you to set higher goals that will propel you to your life dreams. The many challenges you faced during training lay a strong foundation for a rewarding career. I urge you to take the challenges as valuable learning experiences to mold you into better persons and professionals in your various areas of specializations. We are releasing you to the world with confidence that you will meet its varied demands and expectations in your discipline and beyond.

In a special way, I take this opportunity to congratulate the pioneer graduates of Bachelor of Technology in Medical Engineering. The world expects you to continue gaining new skills to make it a better place for humanity. As the clock ticks, current industries will evolve and new ones will emerge. Be courageous, identify new targets and set clear goals to advance your skills. To graduates of Clinical Medicine and Community Health, Nursing, Forensic Sciences, Medical Biotechnology, your chosen discipline is ever widening and greatly rewarding those who are keen to provide unmatched service. Identify an area of specialization in your respective disciplines, serve with dedication and always endeavor to be the best and nothing less.

Special congratulations also go to our first group of postgraduate degree graduates; M.Sc. Forensic Science class of 2024. Today, you have secured your place in the history of the School of Health Sciences. I am elated to see you graduate as well as witness the school attain a new milestone. You have made us proud. I urge you to challenge yourself and enroll for a PhD studies in your preferred areas of specialization.

The future holds a lot for you the Class of 2024. All you need is courage, focus, clear goals and always take action. To help you realize your dreams, the School of Health Sciences will continuously endeavor to mount programs that meet evolving market demands. We have a growing list of various programs in the medical field. Noteworthy, we are honored to be the first School to offer M.Sc. Clinical Medicine (Pediatrics and Child Health, Reproductive and Maternal Health, Forensic Medicine, Oncology with Palliative Medicine) in the region. We also offer M.Sc, Nursing (all Specialties), Master of Public Health (MPH), M.Sc. Forensic Science, M.Sc. Community Health and Development, M.Sc. Medical Biotechnology among many others. My team and I welcome you to our office to discuss the prospects of enrolling you into any of our programs.

Finally, I wish you well in your future undertakings and accomplishments.



CHAIRPERSON, EDUCATION DEPARTMENT

Dr. Bernard Chemwei
Ph.D. Curriculum Development Moi University
Med Curriculum & Influence Egerton University
B.Ed. Arts Moi University
Leadership Management Kenya Education
Management Institute

"Where would any of us be without teachers?" (Fred Rogers, n.d)

Receive greetings from the Department of Education. To prospective students, our doors are always open and we look forward to welcoming and engaging with you; for continuing students, we appreciate and encourage you to experience the home away from home that is a defining feature of the department of education at Kirinyaga University. At the Department of education, we go beyond the art of teaching by focusing more on educating our students on how best to fit in and function in society. To educate is to engage the human person holistically by teaching the mind and touching the hearts through "nurture". The American sociologist and historian William Edward Burghardt also known as W.E.B Du Bois underscores the fact that "education must not simply teach work, it must teach Life." As such, it is our zeal to prepare all rounded human resource (teachers) that can fit and work in any teaching environment and effectively deliver on their mandate. The department is cognizant of the fact that education is the pivotal foundation upon which all societal institutions stand and a key transformer of human resource that fuel and rejuvenate society.

As a department, we have our plate full and look forward to working with all; students who are key stakeholders, parents, faculty and the entire university in the realization of our goals to transform one person at a time and society in general. The motivation that fuels us as a department is informed by the germane position that education holds in the life of a functional society. Any sound progress, growth and development is incubated in the education of a people. Nelson Mandela succinctly pointed out that "education is the most powerful weapon which you can use to change the world". Therefore, if we have to change our world, we must begin with our student teachers.

Education department's key mandate is to train competent teachers for the 21st century society and beyond. Thus, ours is not just to train a teacher but train exemplary teachers who embrace teaching as a noble profession, teachers with high integrity and ability to guide learners appropriately to identify the potential within and a calling to remain accountable to society. This is especially important based on the changing socio-economic needs in the contemporary society. On the significance of teachers in society, William Butler Yeats pointed out that "great teachers understand that education is more than filling minds with facts; it's about sparking a passion for learning. They ignite a flame within students that continues to burn brightly throughout their lives."

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We seek to ignite curiosity and a thirst for knowledge in the teacher trainee that is geared to achieving the best learning outcomes. We also acknowledge that our student composition is uniquely characterized by cultural and socio-economic diversity that require professionally informed faculty journeying with them in their academic endeavor. In order to achieve the best outcome, the department introduced student mentorship program where the faculty guide, counsel and mentor students in specific courses that they teach on a variety of challenges that students grapple with.

The department prides itself in offering different areas of specializations under the following broad program areas with different subject combinations: Education arts, Education science and Technology education, Master of education, Master of Arts in English, Master of Arts in Kiswahili, Master of Arts in African Literature, Master of Arts in Geography, Master of Arts in Religion, Master of Arts in History, Early childhood Education and Postgraduate diploma in Education. Through these programs, we are able to guide our learners to settle for programs that they are comfortable with and passionate about. These programs are delivered by competent and committed Faculty who are well resourced to achieving our vision of producing innovative and competent teachers who are resourceful in initiating the changes needed by society. The department of Education is dedicated to serve many generations to come, through training of well rounded teachers with skills, attitude and aptitude to provide the best possible training outcomes.

Notably, the successes of the department are also attributed to the sterling performance of the immediate former Chairperson of the Department, Dr. Anne Muiru.





CHAIRPERSON TEXTILE AND TECHNOLOGY DEPARTMENT & Ag. CHAIRPERSON, ENGINEERING AND BUILDING SCIENCES Department

Dr. Lydia Kinuthia
Ph.D. Fashion Design & Marketing KU
M.Ed. Home Economics KU
B.Ed. Home Economics KU

Engineering and Building Sciences Department

Engineering is the science of harnessing the resources given by mother nature and putting them to use to the benefit of humanity. From ancient time, world economies grew using engineering technology. From invention of excavation machinery that led to realization of large projects such as the Suez Canal to transforming transport industry from steam engines to electric trains and modern airplanes. Growth of Engineering technology innovations is limitless because of the ever evolving global problems.

KyU has been on the fore front supporting growth of engineering technology in Mechanical Engineering, Electronics and Computer Systems Engineering, Telecommunication and Information Engineering, Renewable Energy Engineering, Water Irrigation and Environment Engineering all which are geared to achieving growth of technology and providing solutions to global needs. The department of Engineering and Building Sciences has achieved technological growth through projects developed by students in collaboration with faculty. Recently a fourth year student in B. Tech Mechanical Engineering invented and developed a rice drier that operates on solar energy and was later focused on incorporating AI to computerize the machine. This is a turnaround innovation that will solve a problem for farmers in the region and beyond.

To support growth of engineering technology, the university management has invested in modern training equipment to create a good learning environment for students. Mentorship by faculty and those achieved through industrial linkages have prepared students better for industry needs. Our students engage in projects that link engineering activities with AI and providing opportunities for students to advance in areas such as robotic innovations and CNC machining. To build capacity in this discipline, the department organizes basic Robotic training for high school students focused on orienting young learners into emerging technology gurus and demystifying engineering as a profession. This training targeting more girls than boys helping them to develop interest in engineering related academic programs. These training are facilitated by the university management and conducted by Engineering faculty in collaboration with KyU Engineering students.

To build research capacity, faculty in Engineering and Building Sciences Department are currently developing a training boiler system which utilizes solar and electrical energy. The team is also working with faculty in Computing department to facilitate introduction of Al in optimization of operations of the boiler system.

Notably, the successes of the department are also attributed to the sterling performance of the immediate former Chairperson of the Department, Dr. Hannah Kinuthia.

Textile and Technology Department

The Fashion Design & Textile Technology Department contributes positively to the dynamic world of fashion design. Are you an aspiring designer or a fashion enthusiast? We have qualified and committed staff to help you design stylish and functional clothing. We take this opportunity to congratulate Dr. Ann Orangi upon attaining her Ph.D in Business Administration (Marketing option).

The department has sufficient training facilities and equipment, and encourages students' creativity through design and development. We offer programs tailored to your needs, flexible to accommodate your schedules. We offer Bachelor of science degree (both full-time and Part time) and master of science degrees (Part time) in Fashion and Textile Technology.

Our students gain hands-on skills at various fashion houses and textile companies, providing them with opportunities to practice. As a fashion designer, you may be interested in designing (Haute Couture, ready-to-wear, or Specialty Designs), marketing, merchandising, or even starting your own brand/company. Career opportunities for our graduates include, but are not limited to fashion designing, merchandising, illustration, styling, marketing, public relations, entrepreneurship, costume designing, education, among others.



B.Sc. Fashion Design & Textile Technology School Based Students exhibit their Clothing Designs at the Textile Technology Workshop on April 23, 2024



CHAIRPERSON, BUSINESS DEPARTMENT

Dr. Stephen Kamau
Ph.D. Project Planning &Mgt -University of
University
MA Project Planning &Mgt University of
University
B.Ed. Arts Maths & Economics Kenyatta
University

The Department of Business Studies at Kirinyaga University, housed within the School of Business and Education (SBE), offers a range of undergraduate and postgraduate programs aimed at developing skilled professionals in various business disciplines. Established in September 2012, the department began by offering a Bachelor of Commerce degree and has since expanded to include degrees in Entrepreneurship with Innovation, Human Resource Management, Business Management, and Procurement and Supplies Management, BSc. Accounting and Finance, Bachelor of Economics, Economics and Finance, Economics and Statistics, Economics with Mathematics and Economics with global studies. In addition to undergraduate programs, the department also offers a Master's in Business Administration (Accounting, Finance, Human resource Management, Project Management, Procurement and supplies Management specialization), Masters in Logistics and Supplies Management, Master in Economics and a Doctor of Philosophy in Business Management degree.

The department has also introduced CPA professional course that will Equip the students with additional skills that are relevant to the job market. In order to support the Business community, the department offers proficiency certificate courses in supervisory Skills Management, Senior Management and Strategic Leadership which have attracted a lot of attention from those seeking to advance their managerial Skills.

The department's faculty is highly qualified and engages in continuous research, fostering an environment that combines academic rigor with practical experience through mandatory industrial attachments and collaborations with industry partners. The Department of Business Studies is committed to providing a holistic education that equips students with both theoretical knowledge and practical skills. This commitment is evident in its strong emphasis on industrial attachments, research opportunities, and partnerships with professional bodies. Graduates from the department have gone on to work with reputable organizations or pursue further studies both locally and internationally. With intakes in January, May, and September, the department offers flexibility in terms of both physical and online modes of study and a broad range of options for students looking to further their education in business-related fields.

Notably, the successes of the department are also attributed to the sterling performance of the immediate former Chairperson of the Department, Dr. Agnes Mutiso.



CHAIRPERSON, HEALTH SCIENCES DEPARTMENT

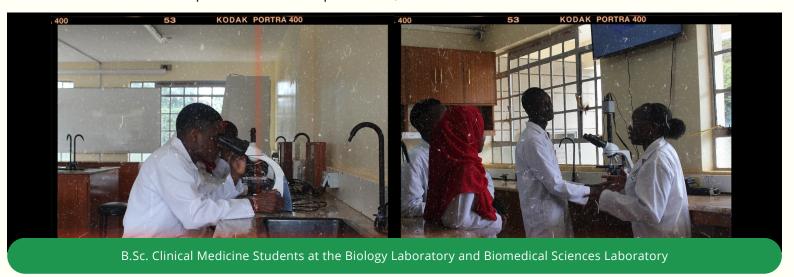
Dr. Mark Webale
Ph.D. Medical Microbiology Masinde Muliro
University
M.Sc. Microbiology, Maseno University
B.Sc. Microbiology UoN

Congratulation Class of 2024! I take this earliest opportunity to join your families and friends as they congratulate you for attaining this important milestone. I am proud of you! The Department of Health Sciences is honored to contribute and play a role in your endeavor to realize your goals. The knowledge and skills attained during training lay a strong foundation for pursuing excellence in different economic sectors world over. In addition, the relationships you have established will provide valuable professional network and personal relationship as epitomized by this old adage, "If you want to move fast, walk alone. If you want to go far, walk together". I encourage you to establish more synergistic relationships and endeavor to leave a positive mark everywhere you go as well as with anyone you interact with. Be bold, remain hungry to learn, innovate and always transform obstacles into opportunities for greatness. Remember, this is not the end but a beginning. A beginning filled with unlimited possibilities.

Our goal is to offer industry relevant undergraduate and postgraduate programmes that will help you establish and advance your career goals. Academic programmes that will serve as a launch pad for a fulfilling and rewarding career. My team and I invite you to visit our offices and discuss the prospects of enrolling you into our academic programmes.

Thank you for being part of us. You have left an indelible mark at the Department of Health Sciences. I wish you the very best as you enter the next chapter of your lives.

Notably, the successes of the department are also attributed to the sterling performance of the immediate former Chairperson of the Department, Dr. David Nderu.





CHAIRPERSON, PURE AND APPLIED SCIENCES DEPARTMENT

Dr. Zachary Kayiita
Ph.D. Pure Mathematics Kibabii University
M.Sc. Pure Mathematics (MMUST)
B.Sc. Mathematics(UEAB)

Department of Pure and Applied Sciences offers academic programs in a wide range of Pure Mathematic and Computational Sciences.

Our signature programs include but are not limited to Bachelor of Science degrees in Computer Science, Software Engineering, Computer Systems Engineering, Mathematics and Computer Science, Actuarial Science, Applied Statistics, Information Technology, Financial Engineering and Analytical Chemistry among others.

Our postgraduate degree programs include but are not limited to Master and Doctor of Philosophy degrees in Pure Mathematics, Applied Mathematics, Computational Mathematics, Information Technology, Information Science, Data Science and Analytics, and Actuarial Science among others.

We hold our students in high esteem and give them the best in guidance in shaping their career advancements.



Pure and Applied Bachelors students at KyU Computer Lab 3 during industrial attachment in collaboration with Teach to Give and Kirinyaga University



BOARD OF POSTGRADUATE STUDIES

Dr. Joseph Eyang'an Esekon Ph.D. Applied Mathematics Maseno University M.Sc. Biometry University of Nairobi B.Sc. (General) - Moi University

Postgraduate office performs a critical role at Kirinyaga University. Key responsibilities of this office include coordination of postgraduate programs from schools and ensuring rules and regulations relating to postgraduate studies are strictly adhered to as per policy. This office also coordinates admission of postgraduate students to the various postgraduate programs, conduct postgraduate thesis/project and recommending to Senate awards of postgraduate diplomas and degrees. We formulate and review relevant policies and guidelines that guide and support postgraduate studies. The postgraduate studies office mines global data banks for postgraduate scholarship opportunities and display on the university website every 24 hours. We also coordinate matters pertaining to welfare of postgraduate students and ensure that a conducive environment exists for their studies.

POSTGRADUATE DEGREE PROGRAMMES

2025/2026 INTAKE ONGOING

Kirinyaga University invites qualified applicants for the following postgraduate programmes now on offer on part time and full time modes in the academic year 2025/2026. Entry requirements and application details available on our website: www.kyu.ac.ke



APPLY

NOW

- Master of Business Administration
- Master of Economics
- M.Sc. Logistics and Supplies Chain
- Post-Graduate Diploma in Education
- Doctor of Philosophy in Information Science Doctor of Philosophy in Applied and computational Mathematics
- Doctor of Philosophy in Information
- Doctor of Philosophy in Statistics
- M.Sc. Biostatistics
- M.Sc. Statistics
- M.Sc. Computer Science
- M.Sc. Information Technology
- M.Sc. Applied Mathematics
- M.Sc. Pure Mathematics
- M.Sc. Actuarial Science
- M.Sc. Fashion design and Textile Technology

- Master of Public Health
- M.Sc. Forensic Science
- M.Sc. Medical Genetics
- M.Sc. Health Systems Management
- M.Sc. Clinical Medicine (Reproductive Health),
- M.Sc. Clinical Medicine (Paedriatics & Child Health)
- M.Sc. Clinical Medicine (Oncology with Palliative Care)
- M.Sc. Clinical Medicine (Forensic Medicine)
- M.Sc. Nursing
- M.Sc. Medical Microbiology
- M.Sc. Community Health and Development
- Post Graduate Diploma in Nursing Oncology
- Post Graduate Diploma in Perioperative
- Post Graduate Diploma in Nursing Midwifery
- Post Graduate Diploma in Nursing Education
- Master of Science in Construction Management
- M.Sc. Renewable Energy

Online Application: https://application.kyu.ac.ke



info@kyu.ac.ke

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UNIVERSITY LIBRARY

Nurturing Knowledge, Empowering Futures

Stephen Maina, University Librarian MLIS,(UoN) BTECH,Information Science (TUK), Dip. Information Studies (TUK)

Introduction

As the Class of 2025 celebrates years of hard work their learning and research from anywhere. and academic achievement, we recognize one of Information Literacy the most essential contributors to their success, Information Literacy is not just a service; it is

the Kirinyaga University Library.

More than just a place to borrow books, the Library Kirinyaga has grown into a vibrant, user-centered hub for importance in academic and professional learning, research, innovation, and academic success, the University has support. It offers a wide range of print and Information Literacy as a core unit in the first electronic resources designed to meet the year of study. It is also offered in the university academic needs of students and faculty across all library on day to day. Through this course, disciplines.

Available Information Resources

The Library provides access to a rich collection of responsibly — skills that remain critical print and electronic information resources to throughout their academic journey support teaching, learning, and research across all beyond. disciplines.

Print Resources - Textbooks, reference works, The Library is led by a team of qualified and journals, theses, dissertations, and newspapers passionate professionals. Their covering a wide range of subject areas.

Electronic Resources - Through the Kenya Libraries services, research support, and academic and Information Services Consortium (KLISC), the training to both students and faculty. Library subscribes to globally recognized academic Knowledge Ambassadors

platforms such as: EBSCOhost, Oxford Journals, To further extend its reach, the Library runs a SAGE Research Methods, Taylor & Francis, plus unique program of Knowledge Ambassadors, other scholarly databases, eBooks, and e-journals. selected and trained students who act as peer-These resources are accessible both on-campus support leaders. and off-campus via a specialized authentication

an essential part of academic development at University. Recognizing

embedded

and

ensuring that students and staff can continue

students learn how to find, evaluate, and use information effectively, ethically, and

Qualified Staff

expertise ensures delivery of high-quality information

system,

Knowledge Ambassadors

To further extend its reach, the Library runs a unique program of Knowledge Ambassadors, selected and trained students who act as peer-support leaders.

Role of Knowledge Ambassadors:

Assist fellow students in navigating library resources, both print and electronic.

Guide peers in using e-resources, databases, and citation tools, promote information literacy and responsible research practices, act as a bridge between students and library staff, communicating challenges and feedback.

This peer-to-peer support model creates a student-centered knowledge ecosystem, making library services more accessible and relatable to the wider student body.

Library Sections and Services

To meet the diverse needs of its users, the Library is organized into specialized sections namely:

Circulation Section – Lending and returning of books

Reference and Research Services – Personalized academic support

Computer Section – Internet-enabled computers for students without personal devices

Newspapers and Periodicals Area – Access to current news and magazines

Off-Campus Access - Enables users to access e-resources remotely via secure login

Information Desk – For general inquiries and user guidance

Reading Spaces and Research Rooms

The Library provides reading and research spaces designed to meet the needs of different learners:

Promoting Academic Integrity

The Library plays a vital role in upholding academic integrity. Through anti-plagiarism software, students and faculty are trained to check originality and properly cite their work. This proactive approach fosters a culture of honest scholarship and responsible research.



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Knowledge Preservation and Management

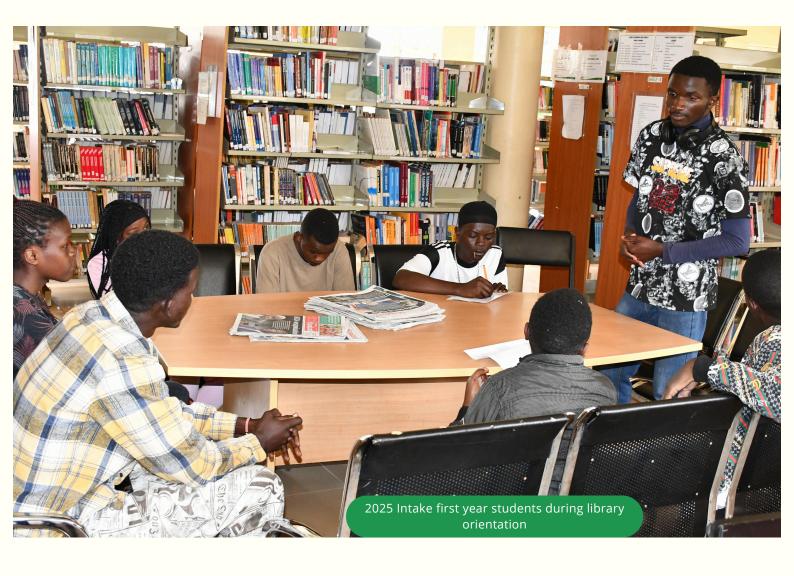
To ensure that student and faculty research continue to inform and inspire scholarship, the Library manages KyU Institutional Repository, a digital platform for storing and sharing theses, dissertations, and publications. This open-access archive promotes visibility and impact of KyU's intellectual output both locally and globally.

The Library also adopts modern knowledge management practices and offers current awareness services, keeping the university community informed of new resources, services, and academic opportunities. Communication is further enhanced through platforms like ask a librarian and the Library's website.

Empowering Lifelong Success

As graduates leave the University to take on new challenges, they carry with them more than degrees, they take with them the values of inquiry, integrity, and independent learning.

The Kirinyaga University Library stands proud as a partner in discovery, a champion of knowledge, and a foundation for lifelong success.





EXAMINATION OFFICE

Dr. Waita Gachaiya,University
Examination Officer
Ph.D. BM (KARU), MBA (JKUAT), Bcom
(JKUAT)

The Examination Office is a convergence center for curriculum evaluation, cutting across all academic disciplines of the university. To guarantee the credibility of university examinations, meticulous attention is paid to every stage of the examination process—from developing draft examination papers in academic departments, to incorporating external examiners' input, administering and marking examination papers, and moderating examination results. We are committed to the prompt processing and timely release of examination results.

Research News

Weaving a New Future in the Cotton Sector

Research is fundamental to global social economic and political development hence the need for university faculty to conduct research to support scholarship, policy and shape advancement in industry. Kirinyaga University faculty undertake research that support entrepreneurship in engineering and building sciences, education, technology, health and applied sciences. This is illustrated by the cotton value chain research that is currently supporting growth of cottage industry in Kirinyaga and Embu Counties in Kenya.

Cotton Value Chain and Textile Technology Research at Kirinyaga University

For decades, the cotton and textile industry has been a cornerstone of industrialization, job creation, and economic growth worldwide. In Kenya, the collapse of the sector in the 1980s led to massive losses in employment, industrial capacity, and export earnings, leaving behind a gap in both livelihoods and national development.

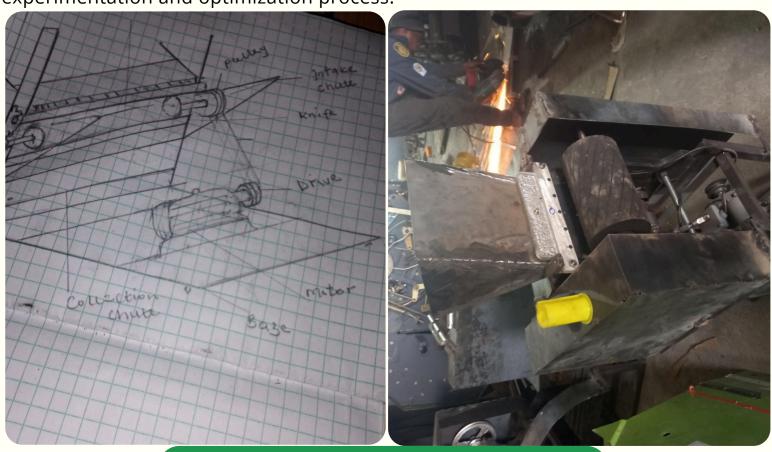
Today, however, a new dawn is emerging—thanks to groundbreaking research and innovation by a dedicated team of scholars from Kirinyaga University, who are on a mission to transform Kenya's cotton value chain through technologydriven solutions in line with Kenya's national development agenda, particularly



The team: from left: Drs. Kiiru, Kimemia, Kabata, Mutiso and Muchangi

A Vision Backed by Funding Support: The Research Journey

The research journey began with funding from the National Research Fund (NRF) of Kenya and later gained international recognition, attracting support from the France Presidential Fund through the Fonds d'Innovation pour le Développement (FID), an agency of the French government, placed Kirinyaga University on the global research map. The team then embarked on a rigorous designing, fabrication, experimentation and optimization process.



Raw Designing of the Microgin Fabrication Concept

At the heart of the project is the micro ginning machine, a locally designed innovation that allows cotton farmers to gin cotton directly on their farms.



Fully Developed Portable Micro-gin

Unlike the centralized ginneries that dominated the industry in the past—where farmers travelled long distance to sell their cotton, the decentralized approach allows farmer to gin cotton right from their farm and sell the lint as higher prices hence a more sustainable approach in cotton farming.





Farmers Test Out the Micro-Gin in Mwea, Kirinyaga County

Beyond Ginning

A Comprehensive Approach to the Cotton Value Chain

Recognizing that the cotton sector requires more than ginning solutions, the Kirinyaga University research team has expanded its scope to other cotton value-chain technologies and is currently carrying out research on:

- Spinning machines to transform cotton lint into yarn.
- Weaving machines to enable the production of fabrics.
- Cotton oil extraction technologies, tapping into the by-products of cotton processing.
- Garment production technologies, bridging the gap between raw cotton and finished apparel.





Trainees actualizing the Tailoring Skills Learnt

Community Engagement and Capacity Building

The research team has established and registered social enterprises at community levels within the Kirinyaga and Embu Counties which have culminated in establishing of cottage industries for cotton value addition. Women and youth through the cottage industries are now able to weave kikois, and make school uniforms for local consumption. The team is linking these enterprises to international associations for the international markets.





The Registered Cianthia Social Group in Mbere, Embu



Cotton Value Addition Demonstration Centre at KyU

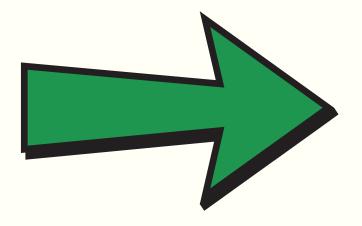
To strengthen farmer capacity and provide hands-on learning for KyU textile students, the team is establishing a cotton demonstration farm within the university. The farm is projected to be used in collaboration with MAHYCO seed company and KARLO Mwea to:

- Test various cotton varieties suited to local conditions.
- Train farmers on modern agronomic practices.
- Transform Kirinyaga university into a center for cotton and textile training
- Provide a research hub for developing hybrid cotton seeds for commercial use.
- Commercialized production of Hybrid seeds





Land Preparation for the Demonstration Farm at the University



In addition, the team is setting up a Textile Technology Workshop at the university. This facility will serve students and researchers, fostering innovation and practical training in textile technology.

Policy Engagement

The research team has actively engaged in policy review processes with the Ministry of Agriculture and the Ministry of Investments, Trade, and Industrialization, ensuring that their findings inform national strategies for cotton and textile revival.





The Team Presents their Policy Recommendations in a Workshop by Ministry of Agriculture in Embu

Strategic Partnerships for Commercialization

Looking ahead, the team is seeking partnerships with key organizations such as the FID, KALRO, Mahyco Seed Company, and international funding agencies to help in scaling the research outputs to other parts of Kenya and across the East African region.



Seed Varieties Supplied by Mayhco

Social-Economic Transformation

The revival of cotton and its value chain in Kenya will offer more than just economic growth. It has the potential to:

- Enhance income growth for the cotton farmers in rural communities
- Create **employment** for Kenya's fast-growing youth population.
- Enhance gender equality
- Reduce poverty among the rural population
- Enhance **food security**, as stable rural economies encourage continued food crop production.



The research team extends sincere appreciation to the Vice Chancellor, Prof. Mary Ndung'u, The Deputy Vice Chancellor Prof. Charles Omwandho, and the entire KyU management for providing an enabling research environment. Their commitment underscores Kirinyaga University's role as a beacon of innovation and applied research in Kenya and beyond.



SCIENCE, TECHNOLOGY AND INNOVATION (STI)

Driving Innovative Technology for a Dynamic World

As Kirinyaga University celebrates the Graduation Class of 2025, it is an opportune time to reflect on the central role of Science, Technology, and Innovation (STI) in preparing our graduates and shaping the society we serve. Guided by our motto, "Innovative Technology for a Dynamic World", KyU has remained committed to equipping students with knowledge, creativity, and technological skills needed to thrive in a rapidly evolving global environment.

Our Journey of Innovation

The journey of STI at KyU has been anchored on a clear vision: to nurture innovators who can respond to local and global challenges. Over the years, the university has integrated innovation across curricula and cultivated a culture of creativity, curiosity, and problem-solving. This strong foundation has positioned KyU as a hub where students, faculty, and partners collaborate to generate transformative solutions.

Milestones and Achievements

KyU has made remarkable strides in STI, marked by significant milestones. Faculty and students continue to lead impactful research in various disciplines, producing both knowledge and practical solutions that uplift communities. The annual Innovation and Research Week has become a signature event, showcasing groundbreaking projects. In addition, KyU introduced its first Innovation Day in 2022, creating a platform where students present innovation proposals and projects. Since then, four Innovation Days have been successfully held, highlighting student creativity, entrepreneurial spirit, and practical problem-solving. These events have grown into a hallmark of KyU's STI culture, inspiring students to turn ideas into actionable solutions to solve national and global challenges.

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Since its inception in 2022, Innovation Day has experienced a remarkable annual increase of 25% in the number of applicants, growing from an initial 46 submissions. Through its STI initiatives, the university has supported students in patenting their innovations, ensuring that creative ideas are protected and positioned for commercialization. To date, the university has successfully registered intellectual property (IP) for four copyrights and five patents (utility models). This has encouraged a culture of innovation, ownership and sustainability, giving students the confidence to transform concepts into real-world impact. These innovations from the University have been exhibited to various national forums attracting interest on the high level of innovativeness. Strategic partnerships with government agencies, private sector players, and research institutions have further strengthened the innovation ecosystem, expanding opportunities for funding, mentorship, and technology transfer. Additionally, training on intellectual property has fostered an entrepreneurial mindset among students. We are proud to highlight that one of our innovators, Mr. Josphat Kiptanui, who holds registered copyrights with the university, has advanced his innovation, EduPoA, by establishing a TechEnterprise. Additionally, the university faculty has consistently secured funding for various research projects from several international organizations, including the African Development Bank, the Fund for Innovation in Development (FID), Research and Innovation Systems for Africa (RISA) fund, Mozilla Foundation, and OpenFlexure Workshops for Research Innovation



Visiting Kirinyaga University's exhibition booth, Dr. Jane Kere Imbunya (PhD). Principal Secretary. State Department for Public Service & Human Capital Development,. Ministry of Public Service and Human Capital Development At the Africa **Public** Service Day (APSD) celebrations, which took place at the Kenyatta International Convention Centre (KICC), Nairobi, from $9^{ ext{th}}$ to $13^{ ext{th}}$ June 2025. Kirinyaga University actively participated by exhibiting EduPoA Innovation, Competency-Based Education digital platform designed for use in lower primary, junior secondary, and senior secondary school levels. The system has alignment developed in been national education reforms under the Ministry of Education, offering a practical, scalable tool for managing teaching, learning, and assessment under CBE.

Looking Ahead

The future of STI at KyU is full of promise. Plans are underway to establish a Science, Technology, and Innovation Hub, a dynamic space for incubation, collaboration, and commercialization of ideas. This hub will empower students and staff to launch startups, scale innovations, and contribute solutions with lasting impact.

Moving forward, KyU aims to expand interdisciplinary research, strengthen regional and international collaborations, enhance mentorship and funding opportunities for innovators, and align STI initiatives with Kenya's national development agenda and the Sustainable Development Goals (SDGs).

A Message to the Class of 2025 and Partners

To the Graduating Class of 2025, your achievement is not only an academic milestone but also a call to be innovators and changemakers. Carry the KyU spirit of "Innovative Technology for a Dynamic World" into your careers and communities, and let your ideas be catalysts for progress.

To our faculty, staff, partners, and stakeholders, we extend our gratitude for your unwavering support. Your dedication has been the backbone of KyU's STI journey, and together we will continue to nurture innovation that transforms lives and societies.



Young Innovator making presentation during STI week
in March 2025

Get Involved

KyU's STI Committee welcomes students, researchers, and partners who are eager to contribute to this vibrant innovation ecosystem. Whether you have a new idea, a research breakthrough, or a passion for collaboration, your involvement is key to building a dynamic future.

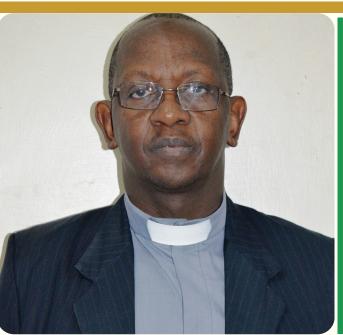
CONTACT US

kyusciencetechnology_innovation@kyu.ac.ke

As our graduates step confidently into the world, we reaffirm our commitment to harnessing Science, Technology, and Innovation — building solutions, driving progress, and shaping a truly dynamic future.

Dr. James Mwikya, PhD

STI, Focal Person



DEAN OF STUDENTS

Rev. Allan Maina
Higher Dip. Entrepreneurship
Education, Dip. Technical Ed. (KTTC), Dip.
Theology (St.)

The office of the Dean of students is a "Home away from home" for all the students who enroll in the University. The office ensures that the welfare of the students is catered for physically, academically, emotionally, socially and spiritually to achieve wholesome development of individual students. The core mandate of Kirinyaga University is academic achievement: however, the University management realizes that excellence in this regard cannot be attained in a vacuum. An environment conducive to progressive learning must be created and maintained, hence the endeavor to see to the welfare of the student on all fronts. The office of the Dean of Students is charged with the general students' welfare. Following is a highlight of activities organized to support students' welfare.

Clubs and Societies

Kirinyaga University received requests from students and registered the following fourteen clubs and societies: Christian Union, Catholic students Association, Seventh day Association, Muslim Association, Wildlife club, Rotaract Club, Equity leaders club, engineering association, Actuarial club, Environmental club, Drama club, Debating club, First Aid club and Presidential Award club.

All clubs are required to submit a schedule of activities to the dean of students at the beginning of each semester so that there is order and hence avoid collisions in use of facilities and also to enable the dean of students to coordinate the activities effectively. These clubs and societies contribute largely towards the student life and experience in Kirinyaga University. Some examples of activities organized by clubs and societies include; Tours to places such as, Nakuru, Naivasha, Mombasa, and Mt. Kenya among others.

Chaplaincy

This service caters for all categories of religious groups namely; Catholic, Protestants, seventh day Adventists and Muslim students. The office of dean of students with the assistance of patrons coordinates religious activities organized by the students including invitations and vetting of speakers. The religious organizations are required to submit a schedule of their activities at the beginning of the semester.

The University has registered ONLY four religious organizations and does not denominations and other religious groupings to avoid confusion and undesirous competing activities. However, outside the University, there many churches and organizations that our students are spoilt for choice. The chaplaincy provides counseling and conducting religious ceremonies.

Counseling services

These services are provided by a team of professional counselors who maintain highest degree of confidentiality to client's information. Counseling services ensure emotional, mental, social and psychological stability of the students as they pursue their goals. Students are encouraged to visit the counseling office to discuss any issues of concern with the counselors. Our team of professional counselors is always ready and willing to meet the students at their point of need. The counselors handle all counseling issues ranging from family, academic, substance abuse, addictions, financial, career guidance, relationships, adjustment and sexuality issues, among many others.

The University also has a Peer Counseling programme which is designed to assist the counselors to meet the counseling needs of the entire student population without hindrance. A representative number of students are selected each academic year and taken through a comprehensive Peer Counseling training to enable them counsel fellow students and, where necessary refer them for professional counseling. Students interested in going through this training are welcome to register their interest in the Dean of Students' Office.

Games and Sports

Talent wins games, but team work and intelligence win championships. All we need is you and we hit the sports landscape with a bang, achieve our best and enjoy the KyU environment. Sports is one thing you will not want to miss at KyU. We are truly sporty. Come, join and let us sparkle together

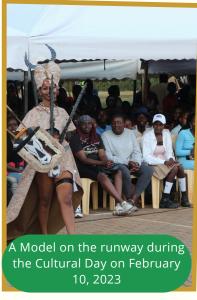


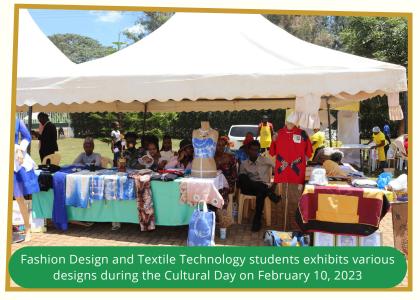
University Hockey team, 2024



VC, Prof. Mary Ndung'u 4th from right(seated), DVC (ARSA) Prof. Charles Omwandho 3rd from the left(seated) and Dean of Students Rev. Allan Maina 3rd from left(standing), take a group photo with the crowned winners of the Modeling Event of the Cultural Day on February 10, 2023.







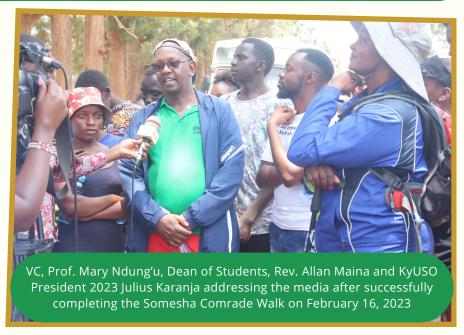
Somesha Comrade Walk

The Kirinyaga University students' organization came up with this Noble initiative. It is organized annually in the form of a walk and other activities to raise money to assist needy students to pay fees in the spirit of "UBUNTU" leave no one behind.









Accommodation and Catering Services on Campus

The Office of the Dean of Students coordinates catering and accommodation services in the University ensuring quality. Meals are provided on a Pay as You Eat and accommodation is available on a first come first served basis. The Dean's office also works closely with the University Clinic to support health and physical welfare of students.

The University has appointed a Liaison officer who interacts with external hostel providers and communicates the quality of hostels required. During admission the external hostel providers are provided with a desk at the registration hall to enable new students to select, pay and get transported to hostels of choice. Photographs of external hostels and contacts of the agents are available on the university website so that students can make hostel reservations from the comfort of their homes using the agents' telephone numbers provided. New students, are advised not to send money to people presenting themselves as hostel agents before first cross checking with the office of the dean of students.

A large proportion of students stay and live in private hostels built close to the university by the local community. The office of the Dean of Students has visited the following hostels and found them suitable for female and male students as indicated respectfully.

Catering Services

The university Catering department is committed to providing affordable and balanced meals to students and staff. Meals for students are served in the dining hall only. Students are required to conduct themselves in an orderly manner and be courteous to the staff and fellow students. Meals are served after they have been paid for at the cashier's counter based on PAY AS YOU EAT system. No crockery, cutlery or other utensils shall be removed from the dining hall. No student shall enter the service area, kitchen or the store without prior permission from the senior cateress. Meals are served according to the meal Schedule. Students are also encouraged to provide suggestions, complaints or compliments through our customer complaints and compliments register. Such inputs would enable the catering department to improve on the level of service offered to students.

MEAL SCHEDULE

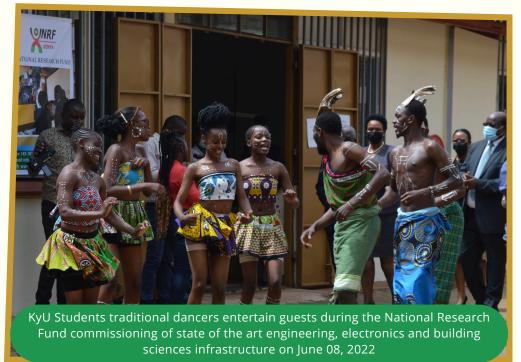
MEAL	TIME
BREAKFAST	6:00 A.M 7: 45 A.M.
LUNCH	11:30 A.M 1:45 P.M.
SUPPER	5:30 P.M 8:00 P.M.

NB: Catering services are open throughout the day except for 2 hours after meal time to allow for cleaning of working areas and dining hall.

Student Life Photos











MESSAGE FROM THE C.E.C.M.

As the County Executive Committee Member privilege of interacting with students from Kirinyaga University during their educational placements in Kerugoya County Referral professionals of the quality of education and university offers. training that the university provides to its students in the field of health.

curriculum and practical training.

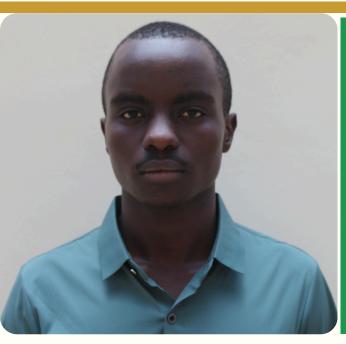
involved in our community outreaches

KIRINYAGA UNIVERSITY'S **SOCIAL IMPACT**

George N. Karoki BSc E.H.S; MSc Epi C.E.C.M - Medical Services, Public Health & Sanitation **Kirinyaga County**

and in celebrations of national health days such as World Aids Day (WAD), World Tuberculosis Day (WTB Day) and Non-communicable diseases (NCDs) Month. of Health in Kirinyaga County, I have had the Kirinyaga University students have also engaged with other County departments, demonstrating their versatility, adaptability, and willingness to collaborate across various disciplines. Their ability to work Hospital (KCRH). These interactions have effectively in interdisciplinary teams reflects positively provided a valuable insight to health care on the holistic approach to education that the

Based on the experiences and interactions I have had with the University students; I commend the I have personally witnessed the dedication institution for its efforts in preparing students to be and commitment of Kirinyaga University competent and well-rounded professionals. I am students during their practical attachments in confident in recommending Kirinyaga University our health service provision space. They have graduates to prospective employers, as I believe they demonstrated a high level of proficiency, possess the skills, knowledge, work ethic and aptitude professionalism, and a keen interest in necessary for success in their respective disciplines. learning contributing to county healthcare Their preparedness and enthusiasm bode well for system. Their interactions with our Health their future careers and make them valuable assets to Care workers (HCW) have been both any organization. I am therefore confident and constructive and enriching, and it is evident pleased to acknowledge the impact that Kirinyaga that they have been well-prepared for real- University has had on grooming skilled professionals world scenarios through their academic who are capable of making meaningful contributions to global health communities. I look forward to Furthermore, apart from being in precincts of continued collaboration with the university and our hospitals, the students have been actively through continued success of its students both within Kirinyaga County and in their future endeavors.

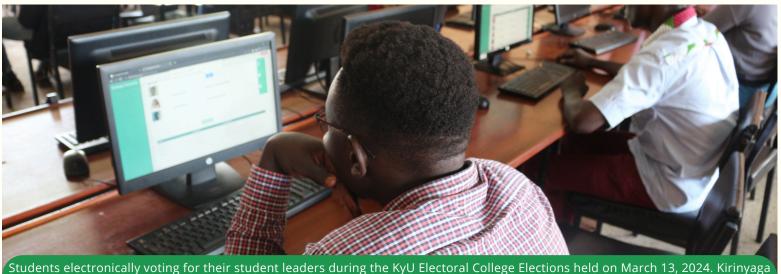


STUDENT UNION: LEVERAGING STUDENTS' ENGAGEMENT

Clinton Odhiambo Okeyo KYUSO President 2025-2026

Kirinyaga University Students' Organization (KyUSO) is dedicated to ensuring a well-rounded and enriching experience for all students. Beyond academics, KyUSO plays a vital role in fostering student well-being and extracurricular activities. One of KyUSO's core objectives is to empower students in need. Their recent initiative the Somesha comrade walk, implemented in collaboration with the student government, exemplifies this commitment. The initiative focuses on supporting "comrades," a term used for fellow students, who face financial challenges. This financial aid program directly contributes to students achieving their academic dreams and becoming valuable assets to society. This program aligns perfectly with KyUSO's mission of promoting student welfare. By providing financial assistance, KyUSO removes a significant barrier for students, allowing them to focus on their studies and pursue their full potential. This is just one example of KyUSO's dedication to the student body. They continue to organize and oversee a variety of activities that enhance the student experience, including: KyUSO's commitment to student welfare, entertainment, and academic success makes it an integral part of the Kirinyaga University experience. Their dedication to empowering students ensures a brighter future for both the students themselves and the wider community.

The successes of KyUSO are also attributed to the sterling performance of the immediate former President, Emmanuel Weru.



Students electronically voting for their student leaders during the KyU Electoral College Elections held on March 13, 2024. Kirinyaga University was the first university in Kenya to conduct an Electoral College voting exercise through an Online Voting Portal in 2019.



THE ALUMNI

Julius M. Karanja Alumni Representative

As a student of Mathematics and Computer Science at Kirinyaga University, my academic journey was profoundly shaped by the vibrant community and exceptional opportunities the institution offered. Serving as President during the 2022/2023 academic year and as Secretary General in 2021/2022 provided invaluable experiences that significantly contributed to my personal and professional growth.

Kirinyaga University fostered an environment that encouraged innovation, leadership, and academic rigor. The supportive faculty and diverse student body created a unique learning atmosphere where ideas flourished, and students were empowered to achieve their full potential. The university's commitment to holistic education equipped me with critical thinking skills and a robust understanding of both theoretical and practical aspects of my field.

During my tenure as President, I led initiatives aimed at enhancing the student experience, such as implementing a mentorship program that connected freshmen with upperclassmen. As Secretary General, I improved communication channels between the student body and the administration, honing my organizational and leadership skills.

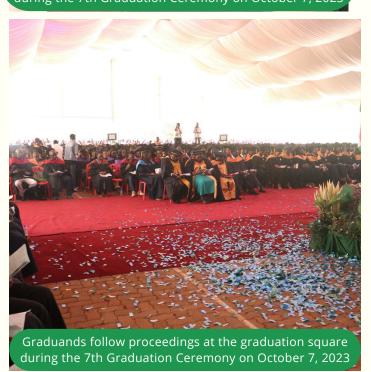
Kirinyaga University's emphasis on research and innovation also played a pivotal role in my academic development, allowing me to engage in cutting-edge research projects. The experiences and skills I gained prepared me to face future challenges with confidence and resilience. I am proud to have been part of this esteemed institution.

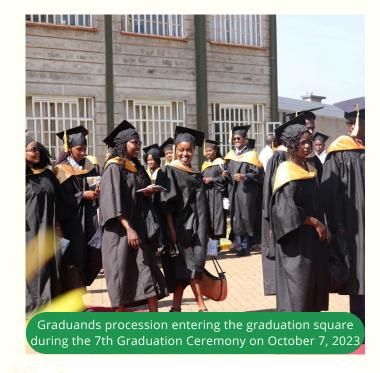


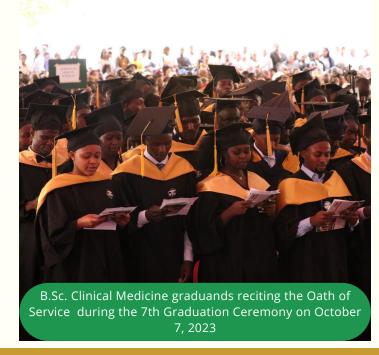
PICTORIAL - Kyu 6th Graduation ceremony held on October 7, 2023











PICTORIAL - Kyu 8th Graduation ceremony held on September 27, 2024

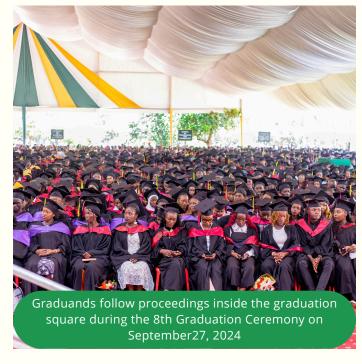


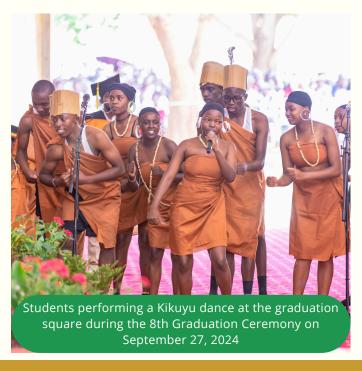


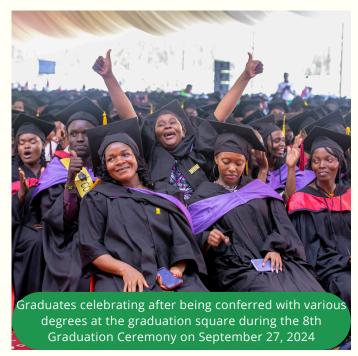
DVC (ARSA), Prof. Charles Omwandho, calls upon the Deans of Schools to present graduands for award of Diplomas and conferment of Degrees during the 8th Graduation Ceremony on September 27, 2024



KyU Students Maa dancers entertain guests and the congregation inside the graduation square during the 8th Graduation Ceremony on September 27, 2024









KYU ANNUAL NEWSLETTER

An Online Annual Publication of Kirinyaga University



Why Study at KyU

Kirinyaga University set in a welcoming and accessible forested environment, 1hr 30 min drive from Nairobi, is far enough to offer serene study environment away from home but close enough for convenience. We offer market sensitive academic programs tailored to careers in IT, Health Science, Engineering, Textile Technology, Business and Education, Pure and Applied Sciences, Architecture and Built Environment.

Kirinyaga University is positioning itself to be a leader in training graduates equipped with skills, competencies, attitude and aptitude geared to creating employement rather than being employees in the disciplines outlined in Kenya Vision 2030.

Editorial Team

- 1.Dr. Violet Barasa Chairperson
- 2. Dr. Justus Muusya Editor
- 3. Dr. Wanjiku Njoroge Editor
- 4. Dr. Peter Kinyua Gachoki Public Relations
- 5. Mr. George Wachira Designer, Layout and Graphics
- 6. Ms. Millycent Machwenu Content Designer
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- 9. Engineer Senteu Murianka -Member
- 10. Dr. Millicent Kimemia Member
- 11. Dr. Catherine Maina Member
- 12. Ms. Violet Njeru Member



Contacts

Mobile: +254 0709 742000, +254 728499650

P.O.Box: 143-10300 Kerugoya.

Email: <u>info@kyu.ac.ke</u> Web: <u>www.kyu.ac.ke</u>

Intakes

- January
- May and
- September every year

Modes of Study

- Full Time
- Part Time
- School Based

Levels of Study

- Certificate
- Diploma
- Undergraduate degree
- Master degree
- Doctor of Philosophy degree
- Professional Courses
- Short Courses