



MUT NEWS

Publication of the Office of the Vice Chancellor



Empowering *tomorrow's tech innovators*

Drama club *shines in performing arts*

Leading the way in *inclusive education*

7th Graduation Ceremony

29TH SEPTEMBER 2023

Vision

**A leading University in Technological
Innovation, Research, Training and Outreach**

Mission

**To advance Knowledge and Technological
Transfer through Teaching, Training, Learning,
Research, Innovation Consultancy and
Community Engagement for Sustainable
Development**

Core Values

- Responsibility
- Integrity
- Transparency
- Accountability

Our Motto

Innovation for Prosperity

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Editor's Note

Dear Readers,

Welcome to the 2023 edition of MUT News. This issue showcases the commitment of top management, schools, and directorates in providing quality education as well as creating an inclusive learning environment at Murang'a University of Technology (MUT).

We feature articles that show MUT's progress towards creating favourable learning conditions for students with disabilities. We reaffirm our belief in the right to education for all, and show the work MUT is doing to provide financial support to students from less privileged backgrounds.

MUT is committed to the betterment of our community. We feature how various Schools are working towards environmental conservation, energy, water, and food sustainability. We highlight the work of dons who are actively engaged in finding innovative solutions to these global challenges.

We look at students' holistic development through their governing Council, clubs and societies. We include articles about students showcasing their talents and passions through the Drama Club and Wildlife and Environmental Club, as well as religious societies.

I would like to commend the editorial team for working tirelessly to bring us stories that inform as well as inspire.

We hope that you will enjoy reading this edition.

*Dr. John Ndavula, PhD
Editor-in-Chief*



UNIVERSITY COUNCIL

Message from the Chairman of Council

On behalf of the Council, I am delighted to welcome you to the 7th graduation ceremony of Murang'a University of Technology (MUT).

I congratulate the graduating class of 2023 on their dedication, hard work and discipline, which have led to the timely completion of their studies. We share in their joy and are proud of them as they embark on their careers. We count on them to uphold the University's good name and to represent us well in the world.

During their time at MUT, the graduates have been part of many positive changes, and we look forward to welcoming some of them back as faculty, graduate students, or administrators to help us achieve our goal of becoming a leading university in technological innovation, research, training, and outreach.

I would also like to recognize and thank our staff members, parents, and stakeholders for their dedication and support, which have enabled us to produce this seventh consecutive cohort of graduates.

I am delighted that we can gather in person for this year's graduation ceremony, after a three-year hiatus due to the COVID-19 pandemic. The pandemic has shown us the importance of continuous innovation, such as the rapid development of vaccines, to protect ourselves from future pandemics. During this time, the University has made steady progress in moving towards technology-enabled delivery of services, innovation, and growth. This has provided business continuity and new opportunities for us to consider.

We are consumers of technologies and innovations that have been discovered, developed, and built in other continents. These innovations include things that dominate our modern lives, such as the internet, computers, smartphones, mobile money, cars, and boda-bodas, to mention but a few. While we may rely on these "borrowed" technologies to remain competitive with the developed world, we should not fall behind and become mere consumers. Instead, we should use our curiosity, vision and scholarly minds to invent and transform our societies through the production of new technologies and innovations.



**Prof. Joachim Osur,
MBChB, PhD**

Graduation ceremonies are an opportunity for the University to reflect on how well we are providing the services and support needed to ensure that students graduate on time. The Council remains committed to improving graduation rates and student satisfaction, and we will continue to do all in our power to provide students with a memorable experience.

The University has consistently maintained all of its facilities to acceptable standards, and has earmarked new development projects that will begin this year. To guide our physical development, we have developed and launched a Master Plan, which will provide long-range planning for infrastructure design and optimisation of land use for the foreseeable future. Once implemented, the plan will create an inclusive and innovative learning environment and enhance sustainable practices in the use of available resources.

The University has revived construction of Hostel Block Phase I Wing II, a 500-bed facility that is scheduled for completion in December 2023. Construction of the perimeter wall is progressing well, but some contested parcels of land have been excluded from the scope. To ensure a sustainable supply of clean water, the University commissioned and began sinking a borehole. This will not only help to reduce our utility costs, but also allow us to maintain our

lush green lawns, which are a hallmark of our campus.

Additionally, the University has commenced construction of Tuition Block Phase II, which will provide modern tuition facilities for our growing student and faculty populations. We also recognize the important role of the Science Complex, which consists of 26 laboratories, faculty offices, and an excellent Analytical and Imaging Laboratory that is now fully operational. The 500-bed hostel that was completed last year also provides quality accommodation for our students.

To develop a rich mix of academic programs, the University has consistently developed and reviewed curricula, with a strong emphasis on fostering research, innovation, and technology. During the last financial year, the University launched the Mariira Campus, home to the School of Agriculture and Environmental Sciences. This aligns well with the County Government's goal of fostering sustainable agriculture and environmental conservation for development.

In addition, the University is implementing the 2023-2027 Strategic Plan that addresses the long-term development of the University as it responds to the changes in the national and global education arena. The direction taken through the implementation will ascertain that the University contributes to niche areas of the Bottom-Up Economic Transformation Agenda (BETA), Kenya Vision 2030 and also contribute towards the realisation of the Technical, Vocational and Entrepreneurship Training (TVET) goals.

Since this marks my last graduation ceremony as the Chairman of the University Council, I would like to express my sincere gratitude to the members of the Council for their unwavering support and valuable contribution to the growth of this institution since my appointment six years ago. Looking back, I am proud of what we have achieved together. I would also like to thank the Government of Kenya, through the Ministry of Education, for its continued investment in this University. Together, we have worked to create a more prosperous nation through quality education.

THE UNIVERSITY COUNCIL



PROF. JOACHIM OSUR, MBChB, PhD
Chairman of Council



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PROF. DICKSON M. NYARIKI, PhD
Vice Chancellor and Council Secretary

OFFICE OF THE VICE CHANCELLOR

Message from the Vice Chancellor



Prof. Dickson Nyariki, PhD

I am delighted to welcome you to the 7th Graduation Ceremony of Murang'a University of Technology (MUT). I congratulate the graduands who will receive their degrees, diplomas, and certificates today.

The number of students graduating today is higher than that in our last graduation ceremony, showing steady progress. I convey our sincere gratitude to the parents, guardians, and sponsors, without whose support this achievement would not have been realized. I would also like to thank the University Council for its oversight role in ensuring that this institution operates at the highest standards possible.

The University has made significant progress in development since receiving its charter in October, 2016. This progress has been made possible through the support of the Government and the prudent management of both the Council and the University Management Board (UMB). The developments have taken into account the Government's initiative to promote the Bottom-up Economic Transformation Agenda (BETA), Kenya Vision 2030, the Sustainable Development Goals, and the African Agenda 2063.

MUT has achieved significant growth

in student enrollment, academic programs, staff numbers, infrastructure, and facilities, with institutional emphasis on quality. The total number of students at the University now stands at over 11,000.

Following the allocation of 50 acres of land by the Murang'a County Government in Mariira, Kigumo Constituency, the University will admit more students in agriculture-related courses to optimally utilize the facility. The University has developed short courses in agriculture, mainly for the benefit of the local community. This will catalyse the development of that region. The University Management Board (UMB) has appointed and deployed a substantive Dean of the School of Agriculture and Environmental Sciences to Mariira Campus to coordinate all academic activities. This move will enable the University to prepare and request the Commission for University Education (CUE) to approve it as a campus of Murang'a University of Technology.

To sustain the knowledge-based economy and meet the demands of the job market, the MUT Senate has recognized that incorporating the Competency-Based Curriculum (CBC) is a necessity. In compliance with the national agenda, the MUT Senate

is rolling out the CBC, starting with students undertaking Bachelor of Education Science, Bachelor of Education Arts, and Bachelor of Technology Education.

To support the national agenda of widening access to university education, MUT established the Open, Distance and e-Learning Directorate (ODEL). MUT strives to offer some postgraduate, undergraduate, and diploma programs through ODEL. The University has also developed an e-Learning Management System (Moodle) integrated with web-conferencing applications to create a student-centred, intellectually stimulating, and technologically advanced teaching, learning, and research environment. MUT has procured a new High-Performance Computing (HPC) server to host the e-Learning Management System and support its plan to target students in various jurisdictions worldwide through ODEL. MUT has attracted students from countries in the region for postgraduate studies and internships, including Tanzania, Rwanda, Burundi, and Tunisia.

Over the years, the University has leveraged ICT to advance its vision and mission, achieve the goals of the University Strategic Plan, and shape the future direction ➤➤

◀◀ of IT initiatives that will create a competitive advantage. For example, the University's server and storage management provision allows us to store, access, secure, and manage digital data, files, and services. This work is largely unseen by the rest of the University, but it provides the foundation for the applications that help keep the University running. The ICT Directorate also provides storage and network management facilities for departments such as the University Library. Currently, we store around 20 TB of data, with a daily refresh of approximately one (1) TB.

Further, the integration of the Learning Management System (LMS) and University Enterprise Resource Planning system (ERP) has been executed. The integration enables pulling of students and Faculty data from ERP to the e-Learning system. The integration has also enhanced efficiency and effectiveness in operations and records generated through the e-learning platform.

I am also pleased to report that the University has established an online helpdesk (e-ticketing) system to support students with registration and reporting. Additionally, we have developed a user-friendly institutional website. Most prospective staff, students, and other stakeholders begin their search for university services online, and our website is often the first place they interact with our brand.

The University library is fully automated with a library management system that includes an online catalogue (OPAC). Additionally, the library has a functional Institutional Digital Repository that collects and preserves all intellectual work produced by staff and students. MUT students, faculty, and staff can access e-books and journals on-campus or off-campus. The library now provides access to 25 electronic databases with thousands of electronic journals and over 200,000 electronic books.

To preserve and provide a central location for storing the University intellectual output, promote research collaboration, attract research funding, increase visibility and citation of faculties' research articles, the UMB has installed Dspace which is an open digital institutional repository software. The repository has nine communities with more than 5,000 digital items.

The University continues to embrace performance contracting as we implement operational mandates in response to public expectations, with the overall goal of im-



Currently, the University hosts several research projects that make a remarkable contribution to the livelihoods of the local community and the rest of the country.

proving service delivery to citizens. The University Management ensures that performance targets are established, negotiated, vetted, and cascaded to every department and unit to ensure successful implementation on a yearly basis. The composite score in the past three years has been on an upward trajectory, maintaining a score of "very good."

We celebrate our continued certification to the ISO 9001:2015 Standard. Our Quality Management System demonstrates our commitment to providing high-quality education and training to produce competent graduates who meet world standards. We assure our stakeholders that the University will continue to embrace the best-practice principles found in the ISO 9001 Standard.

Recently, the University has been certified to the ISO/IEC 27001:2013 Standard, which is the Information Security Management System Standard. The University is, therefore, committed to the highest standards of information security at every level and strives to ensure that the security of our clients' data and information is addressed, implemented, and properly controlled in all areas of the University.

Our University is focused on becoming a centre of excellence in research, innovation, and technology. Currently, the University hosts several research projects that make a remarkable contribution to the livelihoods of the local community and the rest of the country. The University also continues to support staff in engaging in research activities. Many of our academic staff members are currently running research projects funded by international organizations and the National Research Fund (NRF).

To further promote research, the University will hold its second international conference from November 8-10, 2023. The

conference theme, "Leveraging on Science, Technology, and Innovation for Economic Transformation," will be conducted in a blended format.

We continue to reach out to other organizations to collaborate on research and scholarly activities. During the 2022/2023 academic year, the University expanded its network to several organizations, including the Regional Centre for Mapping Resources for Development (RCMRD). The agreement with the RCMRD entails supporting each other in capacity building in Geographic Information System (GIS), data management and portal development, data access and sharing, research, training, sharing of facilities and data, and organizing scientific conferences and dissemination events.

The University has also engaged with Savonia University of Applied Sciences in Finland to foster academic, research, development, and innovation cooperation between the two institutions. Locally, the University is set to collaborate with Kiharu Vocational Training College and Kandara Technical Training Institute to build their capacity to offer current and relevant training to their students. MUT is also collaborating with local universities such as DeKUT, KU, JKUAT, Kirinyaga, and Machakos to share resources in teaching and research.

I thank the University Council once more for offering guidance and strategic direction, and the Ministry of Education for its continued support. We also appreciate the excellent working relationship and support that the University has received from the Murang'a County Government under the leadership of its Governor, His Excellency Dr. Irungu Kang'ata.

To our graduands, I challenge you to remember that the world expects a lot from you. We expect you to positively transform this country and the world at large through the application of knowledge, innovation, and ethics. You carry not only the knowledge you gained within this University, but also the values and principles that define our institution.

As you embark on your future endeavours, know that you will always be an integral part of our University family. Stay connected, continue to inspire, and make us proud. I am confident that you are well-prepared to face the challenges that lie ahead.

Congratulations once again, and may the future be bright and rewarding for each one of you.

THE UNIVERSITY MANAGEMENT BOARD



PROF. DICKSON NYARIKI, PhD
Vice Chancellor and Chairman,
University Management Board



PROF. BEATRICE MUGENDI, PhD
Deputy Vice Chancellor,
Finance and Development



PROF. PRISCA TUITOEK, PhD
Deputy Vice Chancellor
Academic and Student Affairs



JOSEPH GACHANJA,
Registrar, Finance and
Development



DR. PEACE AGUFANA, PhD,
Registrar, Administration and
Planning



PROF. RICHARD JUMA, PhD,
Registrar, Academic and Student
Affairs



PROF. SYLVIA OPIYO, PhD,
Deans Representative



CPA MOFFAT K. NJOROGE,
Finance Officer

Message from the Deputy Vice Chancellor, Academic and Student Affairs



Prof. Prisca J. Tuitoek, PhD

On behalf of the Division of Academic and Student Affairs, I wish to congratulate all our graduands of the Class of 2023 for the successful completion of their studies. The parents, guardians and all those who have supported the students materially and emotionally during this important Journey of their lives, congratulations as well.

Our dedicated and committed staff, both administrative and academic, share in the joy of seeing their students succeed. Congratulations too for working tirelessly to make sure that students have completed their studies. Thus, the graduands are ready to step out to the real world of employment in the job market or in self-employment.

Murang'a University of Technology (MUT) adheres to the regulations set by the higher education regulator and professional organizations. For example, the Commission for University Education (CUE) visited the University for accreditation of a number of postgraduate and undergraduate programmes in March 2023. We also work closely with professional organizations since it is important for students to be recognized and

mentored so that after graduation, they are registered. In terms of quality, the Division constantly monitors teaching and learning through the University Directorates of Quality Assurance and Performance Management, Open Distance and eLearning (ODEL), and ISO and Performance Contracting.

The Division is keen to graduate students who are market ready. Curricula that are offered at the University are developed and reviewed by industry stakeholders. Laboratories and workshops available at MUT provide students with hands-on skills. Further, undergraduate and diploma students



The Division continues to steer research and innovations at MUT. The University is implementing a number of National Research Fund (NRF) funded projects.

undertake industrial attachments and teaching practice that expose them to authentic work environments.

The Division has continued to support the acquisition of equipment for various laboratories, workshops and studios for practical oriented Programmes. This is necessary to enable the very necessary skills to be acquired by our graduates. Furthermore, critical ICT infrastructure has been upgraded so as to deliver the blended learning Programmes. This also enables our students to access adequate library materials both on-site and remotely, off-campus.

The MUT-TVET offers programmes regulated by the TVET Curriculum Development Assessment and Certification Council (TVET CDACC) and we then offer the Competency Based Education Training (CBET). This year, we have a number of students who will be acknowledged for Diplomas that they have successfully attained. The students are fully prepared to enter the job market or pursue degree courses.

The Division continues to steer research and innovations at MUT. The University is

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Message from the Deputy Vice Chancellor, Academic and Student Affairs

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implementing a number of National Research Fund (NRF) funded projects. The first is a youth empowerment and capacity strengthening program for post-secondary training in agriculture, water and environment. The second is a project on the conservation and restoration of wetland ecosystems in Murang'a County. The University also has a Seeding Laboratory project that involves equipping the Molecular Biology Laboratory. The University has also participated in various research grant calls with other institutions. It is worth mentioning that the University is hosting its second International conference with the theme, "Leveraging on Science, Technology, and Innovation for Economic Transformation" in early November 2023.



The University is committed to community extension and outreach. MUT has collaborated with CIAT Biodiversity International and Kenyatta Agricultural Training Centre (KATC), Mariira and trained farmers on climate smart practices and innovations for improved food security and sustainable livelihoods.

The University is committed to community extension and outreach. MUT has collaborated with CIAT Biodiversity International and Kenyatta Agricultural Training Centre (KATC), Mariira and trained farmers on climate smart practices and innovations for improved food security and sustainable livelihoods. The University distributed over 500 avocado tree seedlings to the farmers to improve the national forest cover and facilitate income for the community. MUT has partnered through Memoranda of Understanding with a number of organizations and institutions that will be important in research, student mentorship and community outreach. These include Savonia University in Finland, Regional Centre for Mapping Resources for Development (RCMRD), Kenya and the JITU, which is an information technology company in Kenya.

In addition to the mentioned collaborations, MUT has participated in the 76th International Association for the Exchange of Students for Technical Experience (IAESTE) annual conference held virtually in January 2023 in Warsaw, Poland. Through the exchange program, the University was able to host a student from Tunisia for attachment within MUT.

MUT enjoys cordial relationship with students. In February, 2023, student elections were conducted peacefully. The University works closely with student leaders to identify needy students and support them through the work-study programme. Further, there are many other activities that are carried out in collaboration with the student leadership, which include sports and athletic leagues, drama and music, and cultural and talent events in which the students may participate in regional and national levels.

In conclusion, I take this opportunity to wish our 2023 graduands success as they step out into the world of opportunities. We believe that the skills, insights and values imparted at MUT shall assist you as you contribute positively to your communities. Be good ambassadors of your Alma Mater and join the MUT Alumni to continually be updated and network with your fellow Alumni. You are also welcome back to our competitive postgraduate programmes. All the best in your future endeavours and may God bless you.



 **Murang'a University of Technology (MUT)**

**APPLICATION FOR ADMISSION
SEPTEMBER 2023 INTAKE**

Unlock Your Potential in a Serene and Conducive Learning Environment at MUT!
Attention, ambitious students!

Embark on an exceptional educational journey at Murang'a University of Technology (MUT). We offer a tranquil, peaceful oasis of knowledge, surrounded by nature's beauty and inspiring setting for your academic pursuits.

Located just 1.5km from Murang'a Town, MUT offers vibrant programs tailored to your dreams. Whether you aspire to achieve a PhD, Masters, Undergraduate degree, Diploma, or Certificate, we have the perfect program to ignite your passions and unleash your potential.

Applications and Revisions for KUCCPS September 2023 are open! Join our supportive, serene learning environment and achieve greatness at MUT. Don't miss out!

Apply now and seize your extraordinary future at Murang'a University of Technology.

www.mut.ac.ke

YOUR PATH TO SUCCESS STARTS HERE!



    www.mut.ac.ke  + 254-705-939-269  + 254-771-370-824

 **MUT IS ISO 9001:2015 & ISO/IEC 27001:201 CERTIFIED** 



Message from the Deputy Vice Chancellor, Finance and Development

I take this opportunity to congratulate all graduands of Murang'a University of Technology (MUT) during this 7th Graduation ceremony on behalf of the Division of Finance and Development. Today, we celebrate you on the award of diplomas and conferment of degrees in your respective areas of study.

The Division of Finance and Development continues to support the core mandate of the University of advancing knowledge through relevant, accessible quality teaching and training, scholarly research and dissemination of research outputs; innovation, consultancy and community outreach for the realization of national economic and social development. The division ensures prudent management of finances and effective oversight of development projects.

In the financial year 2022/2023, the University undertook the following projects: (i) refurbishment of the School of Agriculture and Environmental Sciences at Mariira Campus; (ii) completion of Hostel Block Phase 3 that resulted in increased capacity for student accommodation by more than five hundred; (iii) refurbishment of two buildings to create more offices for the School of Business and Economics, and the School of Education and Social Sciences that will be completed in quarter one of this financial year; (iv) construction of ten study shades with Wi-Fi connection that will be used by students outside of lecture rooms; and (v) finishing works on the perimeter wall in areas where there is no land encroachment.

The University's ten-year Master Plan was developed by the Kenya Institute of Planners (KIP) with the input of stakeholders. This will guide the University's future infrastructural growth and development. In addition, the University developed the Strategic Plan for the period 2023-2027 that provides direction and identifies how resources will be allocated to achieve set goals for the next five years. The Plan is aligned to the Bottom-Up Economic Transformation Agenda (BETA), the Kenya Vision 2030 Fourth Medium Term Plan (MTP IV), East African Community Vision 2050, African Union Agenda 2063 and the UN 2030



**Prof. Beatrice J.W.
Mugendi, PhD**

Agenda on Sustainable Development. The Strategic Plan comprises of five pillars: (i) academic excellence; (ii) quality research, innovation and consultancy; (iii) ICT, engineering and technology; (iv) student experience; and (v) institutional capacity development. Strategies for realization of each objective in the different key result areas were formulated and resources budgeted. The Strategic Plan will be implemented through annual work plans where annual targets will be cascaded to staff at various levels. A monitoring and evaluation framework for key performance indicators has been developed to assess progress in the implementation of the plan.

MUT signs a performance contract with the government through the Ministry of Education every year. Overall, the University's rating has been very good consistently and performance within the category has continually improved in the targets planned for implementation of Citizens' Service Delivery Charter, Business Process Re-engineering, and Resolution of Public Complaints. Further, the University surpassed targets in procurement with respect to Access to Government Procurement Opportunities (AGPO) and promotion of local products and services. In the cross cutting areas that included Asset Management, Road Safety Mainstreaming, Corruption Prevention, Youth Internships/ Industrial Attachments/Apprenticeships, Compe-

tence Development, Disability Mainstreaming, Gender Mainstreaming, Prevention of Alcohol and Drug Abuse, Prevention of HIV Infections and Non-Communicable Diseases, National Values and Principles of Governance the performance was commendable.

MUT is certified to Quality Management System (QMS) standard ISO 9001:2015. The University employs the process approach that incorporates the Plan-Do-Check-Act cycle and risk-based thinking in provision of services and products. The University aims at enhancing customer satisfaction by continually improving the efficiency and effectiveness of all processes. Further, MUT was certified to the Information Security Management System (ISMS) Standard, ISO/IEC 27001:2013 in April 2023. This is a great achievement for the University as an academic institution that deals with large student and staff data sets and has helped enhance confidence to interested parties that information security risks are adequately managed. The University is committed to ensuring confidentiality, integrity and availability of data and information.

With increased growth in the numbers of students, MUT continues to provide the necessary infrastructure to support blended curriculum delivery. The internet bandwidth has been enhanced, E-resources in the Library have been increased and are accessible remotely, and more modules in the Enterprise Resource Planning (ERP) have been operationalized. This has resulted to increased efficiency in the management of human resource, finances, procurement, academic functions, and student information.

The University also enhanced holistic student experience in the year by supporting sports, clubs, social events, continual sensitization on security related matters, prevention of alcohol and drug abuse, HIV and AIDS and lifestyle related diseases. Further, the University supported needy students through the work study program. MUT continues to engage the community through joint activities with the county government such as tree planting and cleaning the environment. Both staff and students participated in training of youth and women in value addition, and visits to the prisons and children's home.

To the graduands, I congratulate you once again and wish you success in life.

REGISTRAR, ACADEMIC AND STUDENT AFFAIRS

A moment of gratitude and reflection

Today's celebration marks the seventh graduation ceremony since Murang'a University of Technology (MUT) was awarded its charter in October, 2016. We are happy to resume physical graduations after the Covid-19 pandemic. I congratulate the class of 2023, their parents and guardians.

Graduation marks the culmination of years of hard work, dedication, and personal growth. It is a time to reflect on your achievements, embrace new opportunities, and celebrate your success. Whether you are moving on to further education, beginning your professional career, or embarking on a different path, I believe that your time at MUT has equipped you with the knowledge, skills, and resili-



Prof. Richard Juma, PhD

ience to thrive in your future endeavours.

Further, I acknowledge the unique challenges and uncertainties the class of 2023 faced throughout their academic journey, particularly in the face of the global pandemic. Your adaptability, resilience, and determination to overcome

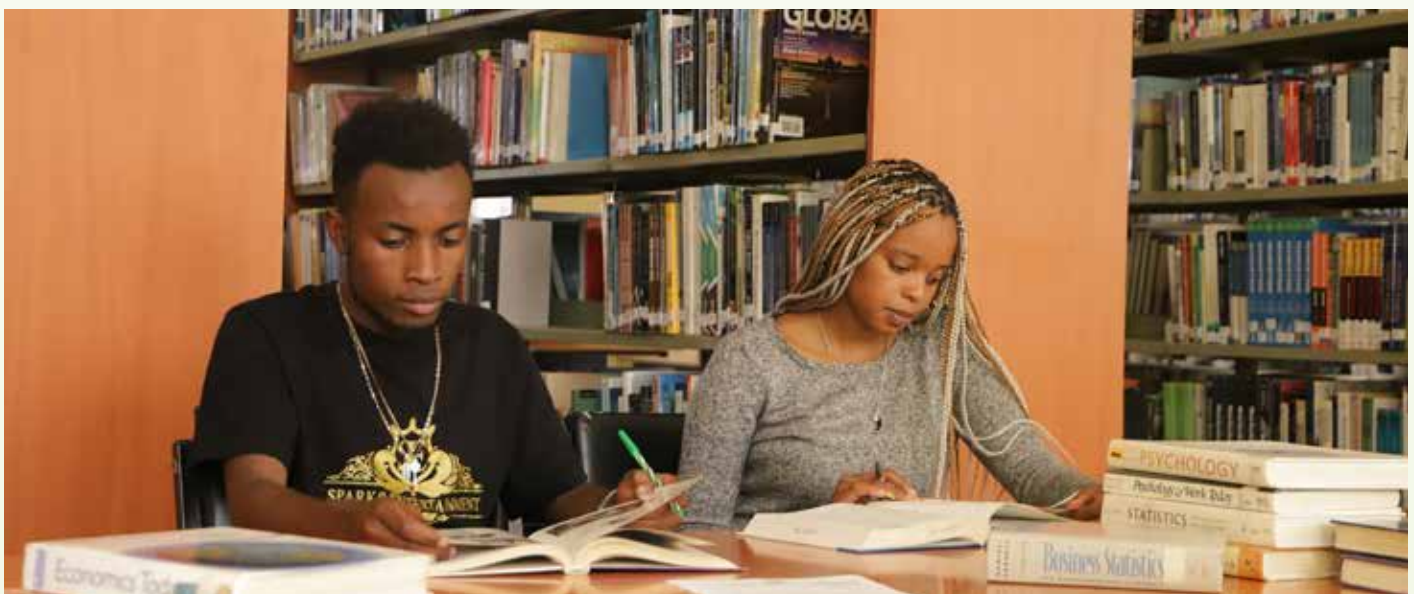
obstacles have demonstrated your exceptional character and fortitude. You have shown that you can navigate uncharted territories and emerge stronger on the other side.

While this chapter of your life is coming to a close, I encourage you to maintain a lifelong commitment to learning and personal growth. The knowledge and experiences you gained during your time at MUT have laid a solid foundation for your future success. Embrace new opportunities to expand your horizons, challenge yourself, and make a positive impact on the world around you.

Remember that you are part of a vibrant and supportive community of alumni who are ready to welcome you with open arms. Stay connected

with your fellow graduates, staff, and mentors. Share your experiences, support one another, and continue to inspire those who will follow in your footsteps. Stay true to your Alma Mater. As you embark on the next chapter of your life, I want to express my heartfelt gratitude for choosing MUT as the platform for your academic journey. It has been an honor and a privilege to be a part of your growth and development.

Finally, I wish to remind you of the postgraduate opportunities available at MUT. The various postgraduate courses can be found by visiting the University website, www.mut.ac.ke, the Office of Registrar, Academic and Student Affairs (ASA) or the offices of respective Deans of Schools.



Students reading in MUT Library

REGISTRAR, FINANCE AND DEVELOPMENT



An artist's impression of proposed tuition block



**Joseph N.
Gachanja**

Capacity-based infrastructure for teaching and research

Itake this opportunity to congratulate the graduands for a job well done.

Today marks a pivotal moment in your journey, and I extend my heartfelt congratulations to all our graduands. Your perseverance, coupled with the commitment of countless stakeholders, has brought this dream to fruition. We believe the knowledge and experiences you've gained during your time here have equipped you both personally and professionally. As you step into the workforce, remember the principles and values instilled in you by this esteemed institution and stand by them.

The Registrar's Office for

Finance and Development plays a pivotal role in our university's progress. Our primary mission is to enhance, manage, and maintain the university's infrastructure. We strive to use resources like energy efficiently and always seek to offer the essential services that our institution needs to achieve its greater goals. Our efforts align with the University's Strategic Plan 2023 – 2027 and the University Master Plan, guiding us in investing for the future and anticipating the needs of tomorrow.

To bring our vision to life, we have channeled significant funding towards creating state-of-the-art infrastructure that supports our academic and

research pursuits. A testament to our growth is the newly inaugurated Mariira Campus, dedicated to the School of Agricultural and Environmental Sciences. With the comprehensive Master Plan now steering our decisions, we have a clear path laid out for future infrastructural developments, ensuring our university remains on the cutting edge.

Once again, to our graduating class, well done. I reiterate my admiration for your accomplishments. Remember, today is both a culmination and a beginning. Hold close the wisdom and values you've acquired here, and may they guide you in every step you take henceforth.

REGISTRAR, ADMINISTRATION AND PLANNING

Providing essential services for life at MUT



**Dr. Peace Byrne
Agufana, PhD**

The Administration and Planning Division (APD) has played an essential role in our lives at the University. APD has supported your training by enhancing the human resource function through hiring and capacity building at all levels for both the academic and technical staff. It has also supported your stay on campus through offering essential services, which include security, medical, transport services among others. These services have made your stay on campus enjoyable. The division has continued developing and implementing policies guiding the day-to-day operations of the university that support its core mandate of



I take this opportunity to congratulate the graduating class of 2023

teaching, learning, research and community service.

On behalf of the Administration and Planning Division, I take this opportunity to congratulate the graduating class of 2023. I wish to appreciate the dedication and commitment you put in your studies and hope that the skills you have gathered along the way will help you provide leadership in the community. Congratulations for accomplishing some amazing things at Murang'a University of Technology and I know you will showcase your innovation and drive for the world to see.

May the Almighty God bless you abundantly and guide you as you step into the next phase of your life.



**CPA Moffat K.
Njoroge**

FINANCE DEPARTMENT

Financial management for success

The Finance Department at Murang'a University of Technology provides central financial services essential to supporting the stakeholders of the University. Major sections of the Finance Department include the offices of Budget and Budgetary Control, Student Finance, Creditors, Debtors, Personal Claims, Payroll and Cash.

The department comprises well qualified staff working as a team and dedicated to provision

of services to our esteemed customers. Through our immense expertise, leadership in the sound financial management of the resources of the University, and obligation to client service, we strive to attain operational excellence and in compliance with the guidelines set out in various policies such as the Public Finance Management Act, 2012 to help the University realise her strategic objectives.

On behalf of the Finance Department, it gives me immense

pleasure to congratulate all the Class 2023 graduands. I recognise and commend you for your hard work, resilience and concerted efforts that will see you graduating in your respective areas. Your achievement today signifies hard work and dedication with the sustenance by guardians or parents during the academic journey at the University.

Remember, graduation is but one peak in the vast mountain range of life's challenges. I trust that this milestone has equipped you to navigate the challenges that lie ahead. Stay brave, and you'll overcome obstacles. Believe in the boundless possibilities ahead, and you'll surely make a positive mark on the world and those around you.

||| SCHOOL OF ENGINEERING AND TECHNOLOGY

Innovation and creativity for life



Prof. Eng. Christopher Maina, PhD

The School of Engineering and Technology (SET) is proud of your achievements as the 2023 graduates. I extend our sincere congratulations to you all on the successful completion of your studies. Throughout your academic journey, the University through the School has provided you with the requisite skills and knowledge to practice in your field of expertise.

The saying, a journey of a thousand miles commences with one stride, is a reality for the School. In 2017, the SET launched its first undergraduate programme, a Bachelor of Technology in Electrical and Electronics Engineering, with 36 students. The total student population then did not exceed 70 (inclusive of internal diploma programmes). Today, as we celebrate your accomplish-



Prof. Eng. Maina training high school teachers on STEM robotics

ments, the student population in the school has surpassed the 1000 mark for the first time.

All our running undergraduate and postgraduate programmes underwent review in 2022 and are now accredited by the Commission for University Education (CUE). The programs are also approved by the relevant professional bodies. This

is no mean achievement, and I thus extend my congratulations to the team that has been working tirelessly to ensure the School in particular and the university at large continue to rank well amongst its peers.

SET is looking forward to being recognized internationally as a center of excellence in engineering and technology. It also aspires to build engineering capacity for national development and wealth creation through training of highly skilled workforce in engineering, technology, research, consultancy and extension services to work towards achieving Vision 2030 and the Bottom-up Economic Transformation Agenda.

The school aims to provide quality engineering and technology education that inculcates creativity and innovation for economic growth. It also hopes to develop and review engineering and technology syllabi in line with market demands, attract, mentor, retain and motivate high caliber ac-

CONTINUED ON PAGE 14

Lathe machines in the mechanical workshop





Onesmus Ngahu working a lathe machine in the mechanical workshop



Pillar drilling machine at the engineering workshop

CONTINUED FROM PAGE 13

demical and professional staff. Ultimately, SET aims to maximize its capacity to admit and retain undergraduate and graduate students.

In addition to the 10 running programmes, the School invited CUE to assess Bachelor of Science in Mechatronics Engineering and Bachelor of Science in Civil Engineering for purposes of accreditation.

The School has engaged the community to increase awareness of engineering programmes. Prof. Eng. Christopher Maina led the School in executing a project dubbed, "Engineering Skills Where they are Most Needed". Murang'a University of Technology (MUT) was the lead institution in the hands-on training that saw 271 students drawn from various schools in Kangema Sub-county participate in. Students were trained on robotics, 3D printing and renewable energy technologies. The training, whose

aim was motivating students towards STEM related careers, ended in June 2023.

Towards the end of the project, 80 secondary school teachers, drawn from Physics and Mathematics departments, Murang'a university SET staff and students participated in a two-day workshop in March 2023. The workshop reinforced the gains of the programme to ensure sustainability.

The School aspires to be a center of engineering and technology in the region. The need to collaborate with peers especially amongst the student

community has been realized through the registration of the IEEE MUT student branch. IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. By joining IEEE and creating the student branch at MUT, the student community in the school as well as other schools with related disciplines, such as Physics, Technology Education and Computing related courses, will be inspired through IEEE's highly cited publications, conferences, technology standards, and professional and educa-

tional activities.

The branch started strongly by celebrating in style the world engineering day on 4th March 2023. Several webinars were organized to empower the student community with relevant soft skills as well as offering a platform for networking.

The School has also been keen to expose talented students to engineering and technology fora. In June 2023, two fourth year students, Cyrus Mwaniki and Alex Haya, were selected to conduct training on machine learning in the Institution of Engineering Technologist of Kenya workshop in Eldoret Polytechnic. The forum exposed them to potential employers, with one of them receiving a job offer upon graduation.

In conclusion, the School wishes you all the best in your career growth and encourages you to keep in touch with your alma mater.



SET is looking forward to being recognized internationally as a center of excellence in engineering and technology. It also aspires to build engineering capacity for national development and wealth creation

SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES

Mainstreaming research and community outreach

On behalf of the School of Pure, Applied and Health Sciences (SPAHS), I extend my heartfelt congratulations to the class of 2023 graduands. As a representative of the Deans, I note that the Schools and Directorates have worked in concert with the University Management to ensure that high quality education is available to each student entrusted in their care.

SPAHS offers competitive programmes which produce highly qualified graduates in the areas of mathematics, physical, biological and health sciences at certificate, diploma, undergraduate and postgraduate levels. In 2022, the School launched a Bachelor of Nursing programme and started collaborating with Murang'a Level 5 Hospital to enhance the practical experience of students in health programmes.

The School boasts of cutting-edge analytical and imaging laboratories that facilitate train-



**Prof. Sylvia Opiyo,
PhD**

ing of science students. The laboratories which were established following a 46 million funding from the National Research Fund have opened a window for scientific innovations and consultancies in the areas of soil and water analysis, mineralogy, agricultural chemical analysis and food analysis.

SPAHS has partnered with Murang'a Water and Sanitation Company (MUWASCO) to help in research and implementation of

a project on biogas production. The project aims to tap and produce clean cooking gas from the MUWASCO sewerage line. The School will assist in providing laboratory services, which will help the company produce gas for sale to the Murang'a community at affordable rates.

The School will also provide lab expertise to enhance the safety of water supplied by MUWASCO. This will help residents get clean water thus boosting the fight against waterborne diseases. Apart from research, the University will also partner with the water firm in conservation and management of water catchment areas. The University will assist in managing wetland areas and climate change through planting of trees at catchment areas so that there will be water sources for increasing population in the future.

SPAHS will continue to train students and develop competencies most needed to work in industries, financial, health, learning and research institutions as well as information technology, in line with the University's vision, mission and strategic objectives.



The University will assist in managing wetland areas and climate change through planting of trees at catchment areas so that there will be water sources for increasing population in the future.



Students in the science lab

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

Positioning for competitiveness

The School of Hospitality and Tourism management (SHTM) has made tremendous strides in the realisation of its objectives and by extension those of Murang'a University of Technology (MUT). The exponential growth has been made possible by the vibrant faculty and administrative staff at the school.

Through its multifaceted approach to teaching, the school has continued to blend classroom lectures with practical sessions, seminars and workshops, guest lectures, field work in leading tourist destinations and hospitality facilities. These have seen SHTM fast emerge as a leading academic destination for students and particularly, those seeking post graduate studies both from Kenya and the larger African region.

The SHTM continues to impact upon the local community. Over the past year, it has hosted a number of high school students for career days in a bid to motivate them to enrol for careers in Hospitality and Tourism. Mentorship for high school students is a significant undertaking for the school as it promotes the much-required exposure to students as they take the important



**Prof. Rayviscic
Mutinda, PhD**

decision on their future career paths.

Another notable activity is empowerment of the local community around MUT. SHTM recently trained members of the local community on value addition of their farm produce. Value added farm produce fetch higher market prices and thus enabling the local community to earn more which in turn improves their standard of living.

To ensure we continue



At SHTM, our resolve for academic excellence remains unwavering. We strive to create a nurturing and inclusive environment

being responsive to market needs, the school has revised its Ph.D. programme and currently reviewing the master's programme to ensure that they fully address the need to produce graduates equipped with capacity for research, management, policy and planning consultancy. We believe that these skills will position our graduates competitively in the world of work.

We continue to expand our degree programmes as a School. This year, our BSC. Food Science and Technology was approved by the Commission of University Education. This will indeed increase the enrolment of students in SHTM while positioning the school to respond to the need for trained human resource in the field of field science and technology.

The possibilities that lie ahead fill the School with a sense of optimism and excitement. At SHTM, our resolve for academic excellence remains unwavering. We strive to create a nurturing and inclusive environment where each student and staff can excel professionally, personally and academically.

Our dedicated members of faculty continue with their devotion to the provision of a transformative learning experience that enables students attain their fullest potential. Together we will create a positive impact on our School, University, community and the World at large.

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCES



**Prof. Dorothy
Amwata, PhD**

The School of Agriculture and Environmental Sciences (SAES) is at the core of our institution's commitment to academic distinction. We have staff who are ready to actualize the School's mission and vision. Already, over 300 enthusiastic learners, ranging from certificate to postgraduate levels, are enrolled in various courses within the fields of Agriculture and Environmental Sciences.

Given the central role agriculture and the environment play both locally and globally, our School equips students with the tools to champion sustainable farming practices and robust environmental stewardship. Our comprehensive curricula, spanning from certificate to postgraduate studies, dive deep into agricultural education, environmental sciences, agribusiness, and emerging areas like climate-smart agriculture. Our focus is to integrate human progress with nature, especially amidst modern challenges like population >>

Feed the nation and care for the environment



DVC, ASA poses for a photo with participants after a climate smart agriculture curriculum and short courses validation meeting



AGED students collecting data on integrated pest management at Mariira Farm



NRF funded youth empowerment on climate smart agriculture at Mariira Campus



Our comprehensive curricula, spanning from certificate to postgraduate studies, dive deep into agricultural education, environmental sciences, agribusiness, and emerging areas like climate-smart agriculture.

◀ growth, changing land use and climate impacts.

We are moulding students to be change-agents ready to innovate in line with Kenya's Vision 2030 and broader global sustainable goals. Our modern facilities, combined with our unique Climate Smart Agriculture (CSA) Green Park, offer unparalleled hands-on experiences. We proudly

note that MUT is a pioneer in Kenya and ranks second in Africa in offering a dedicated CSA curriculum and courses. Through the CSA initiative, over 1,500 individuals have been imparted with practical CSA skills, bridging the gap between theory and practice.

In today's age, where digital and eco-friendly transformations shape our future, the need for a con-

scious shift in production and consumption has never been more evident. We invite you to embark on a journey of learning, research, and community service in our School. A warm welcome awaits you as we collectively strive to pioneer an agricultural renaissance that places both humanity and the environment at the heart and from a sustainability lens.

SCHOOL OF EDUCATION HUMANITIES AND SOCIAL SCIENCES



Mary Ngenda orienting first year students from the School of Education, Humanities and Social Sciences



A section of first year students during the orientation

There is no ideal time for entry – you are already on stage



**Dr. Alice Omariba,
PhD**

On behalf of the School of Education, Humanities and Social Sciences family, I extend sincere congratulations and best of luck to Class 2023. There is no other moment to step onto the pedestal of career success but now. You have been exceptional representatives

of the faculty and University. I have no doubt that you will continue to serve as worthy ambassadors for the School by building upon our reputation for excellence.

I believe that as graduands of the School, you are unique in that, regardless of your chosen area of specialization, all of you have the opportunity to enrich the lives of those around you. As you embark upon and progress through your careers, I urge you to always remember why you chose your respective field and the sacrifices to be made to make it happen: to serve our communities and improve the quality of life with compassion, honesty and integrity.

I would also like to express gratitude to the parents, spouses, children and friends of our



Do not wait for the perfect time and place to enter, for you are already onstage.”

graduands for their patience, understanding, sacrifices and support— both moral and financial during these challenging, but rewarding, years at the University. Although your guidance, comfort and encouragement certainly will continue to be sought and appreciated in the years to come, you can rejoice in the gradual return to “normalcy” with no more long nights of studying, get-togethers unattended and trips untaken. Yet, even more

so, you can relish the shared feeling of pride in what your graduand has accomplished and the abundant opportunities ahead.

In the coming years, I request that you keep abreast with developments at your School, former professors, fellow and future graduands. I encourage you to not only give back to the school by supporting University activities, programmes and scholarships but also keep us updated on many of your career achievements and progress in your personal lives. We will always take great pride in your achievements.

The School has a team of competent and dedicated experts who teach in various fields. SEHSS is confident that graduates from its programmes are well-equipped to compete favourably in the job market and will create a positive impact globally.

Congratulations again to the graduands of all our School programmes. The entire SEHSS family is very proud of you.

■■■ SCHOOL OF BUSINESS AND ECONOMICS

A launch pad to the future



**Prof. Paul Muoki
Nzioki, PhD**

Congratulations from the School of Business and Economics (SBE)! We have cautiously and carefully walked the journey to this moment with you and we can attest that it has been one of hard work, perseverance, and growth, and now you are stepping onto a bright path with endless opportunities and encounters that will shape your future.

Today's world, transformed by technology, cultural dynamics, and global connectivity, opens myriad doors for you. Remember, you're not just bystanders in this era of change – you're its driving force. Here at the SBE, we've armed you with the tools, wisdom, and creativity to carve out a meaningful space in society. Head out into the world with confidence and pride.

Always bear in mind that your time at Murang'a University of Technology is a foundation, a launchpad to the vast



MUT alumni preparing to lead the faculty march during the first year matriculation ceremony

A faculty march

world of knowledge and possibilities. Let curiosity be your compass, and never hesitate to seek solutions to societal challenges.

We are ready to walk with you in your next level of your academic journey. SBE offers diverse academic opportunities in various levels starting with Certificates, Diplomas, Bachelors, master's and Doctorates. We also host a vibrant research and innovation wing that welcomes your contributions.

Since its inception in 2013, SBE has witnessed remarkable growth. From its modest beginning with under ten academic programs, we now boast thirty diverse courses. These are organized under



three departments: Commerce, Human Resource Management, and Agriculture – with the latter poised to evolve into a separate school soon.

You are our witnesses that the SBE has qualified academic staff who have walked with you the whole journey. Currently, the School has thirty-two (32) academic staff out of whom twenty one (21) are

doctorate degree holders. SBE has a student population of over 2,400 enrolled in various academic programmes.

As you embrace your new title as the Class of 2023 graduates, move forward with inquisitiveness, tenacity, empathy, and purpose. Remember that the world is not set in stone – it's clay in your hands, ready to be molded.



We are ready to walk with you in your next level of your academic journey



Prof. Muchiri speaking during a SCIT research workshop

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY



Dr. John Ndia, PhD

Empowering tomorrow's tech innovators

The School of Computing and Information Technology (SCIT) comprises of Computer Science and Information Technology departments. SCIT offers five undergraduate programs, namely, Computer Science, Information Technology, Software Engineering, Computer Technology, and Business Information Technology. Additionally, there are four postgraduate programs in our roster, including two master's and two doctoral programs. Beyond these, SCIT also offers a range of certificate and diploma courses.

SCIT boasts as a regional leader in training for both undergraduate and postgraduate students in software devel-



SCIT boasts as a regional leader in training for both undergraduate and postgraduate students

opment, computer networking, database administration, computer security, artificial intelligence and computer hardware fields. It is also a certified Huawei-ICT Academy offering professional courses such as Huawei Certified ICT Associate (HCIA) Datacom, Artificial Intelligence and Security. The School aims to be a leader in research, innovation and training. This is in line with the University's vision to lead in technology innovation in the region.

A hearty congratulations to all our 2023 graduates! Your journey to this point has been one of commitment, dedication, and diligence.

We've ensured that you're equipped with market-ready skills, setting you on a trajectory for success.

We invite our graduates to continue their academic journey with us, considering the advanced opportunities at SCIT. Our commitment is unwavering; we support our students in timely completion of their studies. This commitment was evident during our recent computing research workshop, which focused on crafting compelling research proposals. This initiative has borne fruit, with more students confidently presenting their work. Our staff, specialists in areas from software engineering to cyber security, are dedicated to ensuring that our students receive top-tier instruction.

On behalf of the School of Computing and Information Technology, I wish to congratulate the class of 2023 on the successful completion of their studies. This graduation empowers you to serve in your county, country, region and the entire globe.

The world eagerly waits for your professional contribution.

A guest speaker making a presentation to IT students



DEAN OF STUDENTS

Life beyond the lecture halls



**Dr. Jacob Asige
Chavulimu, PhD**

On this significant occasion, the Office of the Dean of Students, together with the wider Murang'a University of Technology (MUT) community, heartily celebrates and congratulates our 2023 graduands. Today's festivities recognize your commendable academic achievements.

Beyond the classroom, our commitment is to ensure the holistic well-being of our students. The Dean of Students' Office is a vibrant hub comprising of the student governance body best known as the Murang'a University of Technology Students' Organization (MUTSO), a diverse array of clubs and societies, games and sports initiatives, and dedicated support through guidance and counselling and financial aid. The Dean actively collaborates with essential university departments such as Health Unit and the Security Department in order to guarantee students a fulfilling experience on campus.

The entire student body exercises its constitutional right to elect its leaders annually, in accordance with the student constitution. The elected leaders form the Murang'a University



Students performing during a graduation ceremony

of Technology Students' Organization (MUTSO) which is the main organ for students' governance. Nine leaders are elected as the Council officials who represent the entire student body in decision making and at the same time advocate for their rights and welfare.

MUT has room for registered clubs and societies who participate in activities that are geared towards service to humanity and spiritual nourishment. There are several registered clubs and societies in the university whose membership is drawn from the student body.



The University teams have done us proud by representing the university well besides winning trophies

Drama Club represented MUT in the 2023 national music festivals that took place at Masai Mara University.

Our students participate in all sporting activities at regional and national levels. These sporting activities range from but not limited to: football, netball, volleyball, basketball, hockey, and many other indoor games. Netball (ladies) team represented the university in the 2023 national sporting activities that were held in Eldoret. The University teams have done us proud by representing the university well besides winning trophies.

MUT's guidance and counselling services offer a sanctuary for students to navigate personal challenges, providing support for a spectrum of concerns. These services operate within a nurturing and therapeutic setting, encouraging the comprehensive development of our clients, covering their psychological, cognitive, and emotional facets. The primary goal

of this office is not only to foster positive behavior but also to equip clients with coping mechanisms and strategies to overcome challenges they face. Among the myriad concerns addressed are issues such as drug abuse, interpersonal relationships, rejection, trauma, anxiety, suicidal tendencies, loss and grief, stress management, career direction, family dynamics, and domestic violence, among others.

Collaboratively, this office partners with the Aids Control Unit (ACU), Alcohol and Drug Abuse Committee (ADA), the University's Health Unit, and the Murang'a Level 5 Hospital, especially concerning HIV/Aids. Additionally, every year, students are chosen and trained as peer counsellors and educators, enhancing the reach and efficacy of our counselling efforts. Following their training, these peer counsellors are assessed to ensure the quality and effectiveness of their counselling skills, using specific tools designed to measure their practical application of the training received.

Our unique work-study programme, spearheaded by the Dean of Students' Office, offers financial relief to deserving students, allowing them to work within the University to subsidize their fees. Additionally, we serve as the University's conduit to the Higher Education Fund (HEF), ensuring that eligible students can access these vital financial resources.

To our cherished students and all stakeholders, we remain committed to fostering an environment where learning thrives, and every student is empowered.

CLUBS AND SOCIETIES

Drama club shines in performing arts



Annitta Ichami

The Drama Club at Murang'a University of Technology (MUT) was founded in 2013 by a group of 16 dedicated students. Since its inception, the club has actively participated in numerous festivals at both the county and national levels. They have left their mark on the prestigious Kenya National Drama Festivals (KNDF), held in various counties such as Kisumu, Nairobi, Mombasa and Bungoma.

The club competed in the Kenya Universities Performing Arts Association (KUPAA) nationals at Jaramogi Oginga Odinga University of Science and Technology. Eight talented students showcased a modern dance performance and secured the 2nd runners-up position in the November 2022 KUPAA

Students performing a modern dance during the national drama festivals at JOUST



Students getting ready to perform during music festivals at Maasai Mara University



Drama Club members arriving at JOUST for national festivals



event. KUPAA was formed to increase participation in theatre, music, dance, and film for universities and colleges that operate on a different academic calendar from secondary schools.

The club participated in the National Music Festivals hosted by Maasai Mara University in Narok County in March 2023. Elizabeth Njoroge, a member of the club, placed second with her set piece poem "African Queen." This was the first time that MUT had participated in a music festival. Annitta Ichami, the club's patron, introduced music at MUT in 2022.

"I'm happy because I won an award and we also got to visit the Masai Mara National Reserve," Elizabeth said.

The club has also won other awards, including first runner-up for a narrative by Baldwin Ochieng and Richard Washe, best actor in a play by Emanuel Njenga, and best actress in a play by Eunice Gituku. The club has received support from the Dean of Students, Dr. Asige Chavulimu, which has helped it to thrive.

Under the leadership of chairman Baldwin Ochieng, the club has also made inroads into the community. It has partnered with Murang'a Youth to showcase plays, dance, and comedy at the Murang'a Theatre. The shows, which are open to the public, have featured skits on gender violence, HIV/AIDS, and mental health, among other topical issues.

"The club has taught me to accept criticism from other directors and



Performance at Maasai Mara University



Drama Club trophy trove



"I'm happy because I won an award and we also got to visit the Masai Mara National Reserve," - Elizabeth

fellow dancers," said Wacici Wangui, the dance director. "I've also learned to be attentive and respectful of different points of view."

Elizabeth Njoroge admitted that the drama club has been very beneficial to her. "Being part of this club has bolstered my stage confidence, self-esteem, and helped me to unlock my potential," she said. "I've written a poetry book that I'm hoping to publish in 2024."

The club's future plans include starting a travelling theatre where they will visit secondary schools to perform literature set books. Members are also working on two short films that will be featured on MUT's YouTube channel. The Drama Club is committed to providing a platform for students to express themselves creatively and promote social change through the arts. They are an inspiration to all who know them, and look forward to achieving greater things in the years to come.

CLUBS AND SOCIETIES

Wildlife and Environmental Club: Thinking globally, acting locally



Sharon Kendi

The Wildlife and Environmental Club of Murang'a University of Technology (WECMUT) is dedicated to raising awareness about sustainability, conservation, and eco-friendly practices in the community. The club was founded in 2022 by Sharon Kendi, who is passionate about the environment and climate change.

The club has organized a number of successful events.



DVC, F&D, Prof. Mugendi, leads a tree planting exercise at Kihumbuini forest

Recently they participated in a clean-up event in collaboration with the Red Cross Club and the Murang'a County Municipal. The event was held at Kiharu on February 25, 2023, and resulted in the collection of a large amount of plastic waste. The county provided protective gear and trucks for garbage collection.

The club has also part-

nered with Technology Primary School and Maragi Primary School to plant trees and educate pupils about environmental conservation. They have also participated in World Water Day activities hosted by Murang'a County Government.

Dr. John Ndavula, the club's patron, is proud of the work that the members have done. "Members are so passionate about the environment and climate change," he said. "I'm happy that the young people at MUT are thinking globally and acting locally within the community."

The club has faced some challenges, such as financial constraints and a tough academic calendar. However, they have received a lot of support from the University through the Dean of Students, Dr. Asige Chavulimu.

WECMUT members have learnt the importance of networking with other organizations and individuals who are working in the field of envi-

ronmental conservation. They see the need to be creative and resourceful when it comes to raising funds and generating awareness about environmental issues.

"Being part of the club has heightened my awareness of environmental issues. I now have a better understanding of the challenges our planet faces, such as climate change, habitat destruction, and pollution," said Daniel Ng'ang'a a club member.

"The club has also given me the chance to develop my leadership skills," added Edwin Ateku.

The club is committed to continuing its work in environmental conservation. Members are planning to plant trees, organize more clean-up events, and educate the community about the importance of sustainability. They are confident that they can make a difference in the fight against climate change and other environmental challenges facing the world.



DVC, F&D and Murang'a Municipal Manager leading a clean-up exercise in Murang'a

CLUBS AND SOCIETIES



Ian Muruthi

Muranga University of Technology Catholic Action (MUTCA) is a society that brings together Catholic students at Murang'a University of Technology. It was founded in 1993 and named after St. Francis of Assisi.

Every year, MUTCA holds a recruitment drive for members. They usually pitch a tent outside the main hall and persuade first years to join the society on their reporting week. They also hold a mass for blessings and a welcome party for them.

MUTCA collaborates with St. Mary's Cathedral in Murang'a town. Fr. John Baptista Mungai, the parish priest, conducts the mass for students at MUT. The cordial relations between MUTCA and St. Mary's Cathedral led the Bishop of Murang'a Diocese, James Maria Wainaina, to visit the University in 2019.

Serving the community

MUTCA members have also impacted the community around Murang'a. On 26 February 2023, they visited Sagana Home of the Aged and carried out activities such as feeding the animals, cleaning the compound, cooking and eating a meal with the residents, and work-



Catholic Action students during a hike

How MUT Catholic Action nurtures faith and service

ing on the farm. They also donated provisions to the home.

MUTCA members have also visited children's homes such as Upendo in Murang'a. They have worked in the farms, cleaned the surroundings and clothes, cooked for the children, and assisted in putting up a fence around the home.

Events

MUTCA held its sports day in March 2023. The competition was open to all Jumuiyas at MUT. The field

events included athletics, football, volleyball, egg racing, sack racing, and tug-of-war.

The society also participates in cultural nights and talent shows, where they unveil Mr. and Miss MUTCA. The current Mr. MUTCA is William Gichora, a third-year student, and the current Miss MUTCA is Hellen Nyokabi, a second-year student.

MUTCA has a choir with over 80 members under the directorship of Oliver Wafulla. The choir produced two music volumes in 2018 and



Students on a hike

2019, which are available on their YouTube channel. The choir performs at weddings and other events in and around Murang'a.

MUTCA also has a welfare kitty to support members who are unable to sustain themselves. The kitty provides rent and food to students in need. MUTCA has also visited religious centres such as Subukia National Shrine, Museve Shrine, Komarok Shrine, Bible on The Ground, Vincentian Prayer house and Resurrection Garden. They have also organized team-building sessions to Maragu Falls and Gatari Hills.

Leadership

Lawrence Ng'ang'a, from the Finance Department, is the patron of MUTCA. Current leadership includes Ian Muruthi as chairperson, Caroline Kanini as vice chairperson and Peter Mutunga as organizing secretary. Mercy Wangari is the secretary while Peter Gitau serves as treasurer. MUTCA members have also ascended to top leadership positions in the student body at MUT. Some notable leaders include Reuben Mwirigi and Davis Kemboi, who were the seventh and eighth MUTSO presidents respectively. Other leaders include Brian Kipkemboi and Trevor Kazungu.

The leadership of MUTCA is looking to unite all MUTCA alumni. This will be significant as it will allow the alumni to continue impacting student life at MUT.

The writer is MUTCA chairperson and a fourth-year student pursuing a Bachelor of Science in Computer Technology.

■■■ SOCIETIES

MUT Christian Union radiating with purpose



Christian Union members dancing at MUT



MUTCU's media department provides early exposure to students interested in media production. Students get hands-on experience in photography, videography, editing, and digital media.

The Murang'a University of Technology Christian Union (MUTCU) is a vibrant organization comprising 1,300 registered members. Dr. John Ndia serves as its patron, assisted by Dr. Tabitha Karanja. At the helm of the union's leadership is Moses Mwangi, who serves as the chairperson of the 12-member executive council.

MUTCU hosts a diverse range of activities, such as weekly Bible studies, fellowship meetings, sermons, and mentorship programs. These activities provide students with the tools for spiritual formation.

"Being part of the Christian union has been transformative for my faith journey," said Harrison Muthomi, a CU



Immaculate Kinyua

member. "The supportive environment and the chances to participate in different programs have helped me grow spiritually in ways I never imagined."

The union fosters genuine connections and provides a safe space for those in need. One notable initiative involves

providing sanitary towels and tissue papers to needy female students. By addressing this often-overlooked need, the union shows its concern for students. The union also actively promotes conversation around relationships, abstinence, and emotional wellness. This is done through sermons, workshops, and panel discussions. It acts as a safe space for students to discuss sensitive topics and to equip students with knowledge to make informed choices.

MUTCU collaborates with FOCUS Kenya to conduct mentorship programs for students. The union has also mentored student leaders from the Murang'a University of Technology Students' Organisation (MUTSO). Some of the topics covered during mentorship training include communication, decision-making, and conflict resolution, all within the faith context.

MUTCU's media department provides early exposure to students interested in media production. Students get hands-on experience in photography, videography, editing, and digital media. This not only equips them for effective service within the union but also prepares them to be catalysts for positive change beyond campus boundaries. As a result, the CU has become an avenue for cultivating not just spiritual growth but also a body of leaders committed to excellence.

MUTCU lives up to its motto, which is to inspire love, hope, and godliness. Like a guiding star, it is a constant reminder to students that in the midst of the hustle and bustle of campus life, there is optimism to lead a life of purpose.

■■■ DIRECTOR, MARIIRA CAMPUS

Campus with a vision for sustainable agriculture and environmental progress



Prof. Benson M. Mwangi, PhD



Demonstration plots at Mariira farm

Congratulations to our 2023 graduates! On behalf of myself and the entire Mariira Campus team, we applaud your achievements that brought you to this pivotal moment. This graduation is not just an end, but the start of many more opportunities ahead.

We at the Mariira Campus urge you to view the world through an entrepreneurial

lens, especially in the realm of agriculture. We encourage you to create your own farm hub as job creation an initiative. Mariira campus does not only train students for the white collar jobs, but also train them to be self-reliant through the creation of agribusiness enterprises.

Mariira Campus, an extension of Murang'a University of Technology, specializes in Agriculture and Environmental Sciences. We offer a range of courses, from short programs to PhDs, all in a peaceful, undisturbed setting. The campus's existence began with a generous 50-acre land grant from the Murang'a County Government, emphasizing agricultural and environmental training. Currently, we're operating from the revamped Kenya Agricultural Centre (KATC) while waiting for our permanent infrastructure to be established on the granted land.

In September 2022, we welcomed our inaugural batch of 42 students. This year, another 100 joined us, and we anticipate our student body growing to 300 by 2024. Over the next five years, we expect this number to double, with more courses being introduced. Likewise, our staff strength is projected to expand from the present 40 to over 100 in the coming years.

Our vision at Mariira is multifaceted. We emphasize top-tier education, research, and income generation through agricultural production. By equip-



We offer a range of courses, from short programs to PhDs, all in a peaceful, undisturbed setting.

ping local farmers with the latest in agricultural innovations, we aim to bolster both county and national progress.

Our training initiatives have already benefited over 1,000 farmers and 600 youths, arming them with climate-smart agricultural techniques. We've also trained 300 National Government Administrative staff (NGAOs) in wetland conservation, echoing our dedication to environmental conservation.

Our overarching aspiration is to position Mariira as the leading community training center for Climate Smart Agriculture and environmental studies. Currently, our research is intensely focused on climate smart agriculture and the conservation of wetlands within the county.

Mariira farm



MUT at a glance



Vice Chancellor, Prof. Dickson Nyariki, speaking to first years during the matriculation ceremony



Prof. Dickson Nyariki posing for photos with first years



MUT awarded the second best university stand at the ASK Show in Nyeri



Senators arriving for a meeting at Mariira Campus



Prof. Nyariki reacting to a presentation by the drama club



Prof. Dickson Nyariki leading a tree planting exercise



Prof. Nyariki posing for a photo after a police reform workshop



MUTSO chair, Davies, lighting candles for Pwani University crash victims

MUT at a glance



A section of staff members



Senators taking a tour of Mariira Campus



Borehole drilling exercise at MUT



Students performing at a past graduation



Jomo Paul and Daniel Maina performing a narrative during the VC's address to first years



Guest speakers and Humanities Chair, Dr. Ndavula, pose with journalism students after an event



Karate club members showcasing their talent during the matriculation ceremony



Drama club members performing a narrative

■■■ DIRECTORATE OF LINKAGES, OUTREACH AND PARTNERSHIPS

Steering MUT's outreach initiatives



MUT representatives at the Tech and Innovation Summit At KICC showcasing an innovation for industrial control using the Internet of Things



**Dr. Grace Mwangi,
PhD**

The Directorate of Linkages, Outreach, and Partnerships (LOP) at Murang'a University of Technology (MUT) is responsible for building global partnerships, mentoring faculty on collaboration strategies, streamlining agreements and organizing exchange programs that give both staff and students a taste of international academic culture. LOP is also committed to community outreach and regularly promotes MUT's academic programs to inspire and attract future learners.

The directorate, which is part of the Division of Academic and Student Affairs, also creates partnerships with academic institutions, industry players. It also engages with various stakeholders, including NGOs and government bodies. It has a Partnerships Board, appointed by the Vice Chancellor, which is composed of faculty members and is responsible for vetting partnerships.



Donating seedlings to mark the World Water Day



LOP collaborated with the School of Hospitality and Tourism Management to train 40 young people and women in food and nutrition.

In the past year, the directorate hosted a Fulbright Scholar, Rajgopal Sashti, from Atlanta, USA. In 2023, MUT welcomed its first IAESTE exchange student from Tunisia, who completed an eight-week internship at MUT in the ICT Directorate.

LOP participated in career fairs in high schools in Murang'a, Kiambu, Machakos, and Nairobi counties, where students received career counselling. Notable events included the Mumbi Girls High School Career Fair, the Gathirimu Girls High School Career Day, and the State House Girls Career Week. LOP also hosted the Kenya Universities and Colleges Central Placement Service (KUCCPS) for a career fair at MUT.

LOP collaborated with the School of Hospitality and Tourism Management to train 40 young people and women in food and nutrition. Participants also received training in value addition of fruits and vegetables. The directorate also partnered with the Murang'a County Government to donate drinking water and tree seedlings to mark World Water Day. It has participated in numerous CSR activities, including cleaning up Murang'a Town and Mukuyu Market, donating food and necessities to the Murang'a Children's and Rescue Centre, and facilitating tree planting by farmers.

The directorate congratulates the Class of 2023 on their achievements. It hopes the graduates will continue to dream big and embrace every career opportunity with enthusiasm. Graduates are encouraged to consider MUT if they wish to further their studies in the next chapter of their professional journey.

■■■ DIRECTORATE OF RESEARCH, INNOVATION AND CONSULTANCY



**Dr. Peter Waithaka
Njoroge, PhD**

Murang'a University of Technology (MUT) is undertaking research in several areas including climate smart agriculture, climate change innovations, agroecology, environmental restoration, and renewable energy.

At the School of Agriculture and Environmental Sciences (SAES), research scientists are enhancing the resilience of local communities through the promotion of climate smart agriculture technologies and innovations. Under the leadership of the Dean, Prof. Dorothy Amwata, SAES has established a Climate Smart Agriculture (CSA) centre of excellence. The centre has trained farmers, extension officers, and practitioners in climate smart practices for crop production, livestock management, integrated pest management, and soil and water management.

To date, the CSA centre for excellence has trained 1,200 youths from 20 counties and 1,000 farmers from Murang'a County. The centre was established with support from the National Research Fund project on empowerment of youth on agriculture, environment and water for post-secondary training and



Charles Gitau with a Microwave Plasma Atomic Emission Spectroscopy (MP-AES) machine at the science lab

Spearheading sustainability in food, environment and energy

Alliance Bioversity CIAT.

A group of researchers from MUT, led by Prof. Benson Mwangi, have focused on the restoration of wetlands to enhance water supply in the region. They have also worked to build the capacity



Patropa Jepkurui with a High Performance Liquid Chromatography machine at the science lab

of National Government Administrative officers (NGAO) to help them work with affected communities. Some of the positive outcomes of this training have been Chiefs spearheading the revegetation of affected wetlands in their jurisdictions.

The high cost of energy in Kenya has prompted researchers at MUT to investigate sustainable and green sources of energy. This includes the generation of biogas from liquid municipal waste. MUT is set to undertake a joint project to generate biogas from liquid municipal waste with the Murang'a Water and Sewerage Company. In the School of Engineering and Technology, a team led by Prof. Christopher Maina is working on tapping solar energy to power the energy needs of some sections of the university. There has

also been a focus on water purification and the production of safe water, led by Prof. Sylvia Opiyo, the Dean of the School of Pure and Applied Sciences.

To aid in research work, MUT established an Analytical and Imaging Laboratory funded by the National Research Fund. The laboratory is used for training students in various programs and is open for research and community use.

The university will hold its second international research conference in November 2023. The conference will provide a platform to disseminate research findings by both staff of MUT and global scholars.

The Directorate of Research, Innovation and Consultancy congratulates the graduating class of 2023 on their well-deserved success.

■■■ DIRECTORATE OF PERFORMANCE CONTRACT AND ISO

Enhancing quality standards for customer satisfaction



Stephen K. Wanjau



The Vice Chancellor, Prof. Dickson Nyariki, having a light moment with students



The implementation of QMS has resulted in increased operational efficiency with a quality focus, contributed to increasing customer satisfaction and identifying opportunities for cost saving.

Murang'a University of Technology (MUT) improved marginally in the performance contract evaluation for the FY 2021/2022 achieving a composite score of 2.6970 against 2.9134 for the FY 2020/2021. The improved score is an indicator of enhanced corporate governance, efficient institutional processes and collective commitment to achievement of set targets that are generally cascaded to all departments across the University.

MUT offers quality services and enhanced customer satisfaction. The University has continually implemented and maintained high standards which led to recertification of the ISO 9001:2015 Quality Management System (QMS) standard. The QMS consists of Quality Manuals, Policies, Stan-

dard Operating Procedures and associated Quality Controlled Documents. The system of processes within the university has been applied, together with the identification and interactions of these processes. The implementation of QMS has resulted in increased operational efficiency with a quality focus, contributed to increasing customer satisfaction and identifying opportunities for cost saving.

In April 2023, the University was certified to ISO/IEC 27001:2013 standard having successfully implemented and maintained an Information Security Management System (ISMS). This certification demonstrates that MUT has identified and documented various risks, has put in place preventative measures to protect its information and assets from information security breaches, established business continuity

plans and standardized service desk processes against best practices.

Through these certifications, the University is assured of improved internal controls, corporate governance and increased competitiveness of qualifications obtained by MUT graduates. The government has continued to maintain a climate of public accountability as well as a ranking culture that demands performance of all public institutions to be monitored through reliable instruments. As such, every year the University negotiates and signs a performance contract.

To the graduating class of 2023, Congratulations for the successful culmination of your academic endeavours. We are so proud of you and wish you good luck on your new beginnings!

■■■ DIRECTORATE OF OPEN, DISTANCE AND ELEARNING

Mainstreaming technology for holistic higher education



Graduands at a past ceremony

Today, I extend my heartfelt congratulations to the 2023 Graduating Class. Your graduation is a testimony to your perseverance, dedication, and unwavering commitment to learning in a blended environment.

The Open, Distance and eLearning (ODEL) Directorate has always been committed to providing you with an enriching and immersive learning experience and therefore takes pride in your achievements. This graduation ceremony also marks a moment of celebration for the ODEL Directorate itself. As an institution committed to excellence in blended, open, and distance education, we have achieved several milestones during this academic year.

Infrastructure has been a key focus of our efforts, as we recognize the critical role it plays in delivering a seamless and enriching online learning experience. In 2023, we have made significant investments in upgrading our technological infrastructure, ensuring that our platforms are robust, secure, and equipped with the latest advancements in educational technology. In particular, the university has established a state-of-the-art ODEL computer

lab and multimedia recording studio to support and enhance the learning experience for students engaged in virtual and online learning activities.

Alongside infrastructure development, capacity building has been a top priority for us. We understand the importance of equipping our faculty and staff with the requisite skills and knowledge to excel in online teaching and support services. In the past year, we have implemented comprehensive capacity development programmes that have equipped our team with the pedagogical expertise and technical know-how needed to deliver high-quality online instruction. These initiatives have empowered our faculty

to engage students effectively, foster active learning, and provide personalized support, thereby enhancing the overall learning experience.

Ensuring the quality of our programmes and maintaining rigorous standards has been a core principle in the ODEL offerings. In 2023, we took significant strides in strengthening our quality assurance mechanisms. Through rigorous assessment and evaluation processes, we have fostered a culture of continuous improvement, identifying areas for enhancement and implementing measures to optimize the quality and relevance of our programmes and activities. Related to this, the Directorate extends its deepest gratitude to our faculty and students, whose feedback and engagement have been invaluable in shaping the direction of our quality assurance efforts. Your active participation and input have helped us refine our infrastructure, strengthen our capacity, and ensure the quality of our programmes and teaching.

As a Directorate, we have empowered learners through blended and online learning. Blended and online learning have been instrumental in realizing our vision of making education accessible and flexible to meet the diverse needs of learners. In 2023, we took a giant leap by offering all university common courses online. The Directorate is also proud to announce that our fully ODEL programmes that span various academic disciplines and professional fields are ready to launch. These programmes are tailored to address the demands of the modern workforce and equip them with the knowledge and skills.



Dr. Gabriel Kamau,
PhD

■■■ DIRECTORATE OF POST GRADUATE STUDIES

Celebrating MUT's class of 2023



**Prof. Geoffrey
Muchiri, PhD**

Our job here is like helping friends on a journey. We're here for our postgraduate students, guiding them from the start to the finish.

The Directorate of Post Graduate Studies at Murang'a

University of Technology (MUT) is mandated to handle all matters related to postgraduate admissions, supervision, progression through the various stages of research such as proposal development and approval, and thesis examination. The Directorate collaborates with Schools and other directorates in order to achieve this noble mandate.

The Directorate is thrilled to announce a notable increase in the number of postgraduate students who have completed their degrees ahead of schedule in the 2022/2023 academic year. It's our steadfast belief that our new graduates possess the modern knowledge and robust skills to address and find solutions to the present chal-



For those of you graduating with your bachelor's degree, consider this an open invitation to further your studies with a master's degree here at MUT.

lenges in our society. As you step out as proud MUT alumni, we urge you to harness this education for the betterment of our beloved nation, Kenya.

For those of you graduating with your bachelor's degree,

consider this an open invitation to further your studies with a master's degree here at MUT. And to our master's degree achievers, why stop here? Delve into deeper research and thought with our PhD program. If you're ever uncertain about the next steps or have questions, our doors at the Directorate of Postgraduate Studies are always open for guidance and insights.

On behalf of everyone at the Directorate of Postgraduate Studies, a hearty congratulations to the graduating Class of 2023. Your dedication and achievements deserve applause. As you commence this fresh journey of life, know that exciting opportunities and adventures await.

■■■ DIRECTORATE OF REOURCES MOBILIZATION

Take your time to celebrate

Dear graduands, graduation is a major milestone in life and it is therefore incumbent upon me to say congratulations to the class of 2023 I am so proud of you and honoured as a director of resource mobilization to celebrate graduation with you. This morning you are gathered here with your family members, spouses, children, parents, guardians, friends and Murang'a University of Technology (MUT) faculty and staff, board of trustees of the University, special guests and colleagues to celebrate a major accomplishment in your life. The ceremony tells you that you are now prepared to commence your life journey to achieve your purpose in life.

Indeed your hard work has culminated in this momentous occasion. The graduation ceremony remains one of the most memorable events in anybody's life. The ceremony comes at the end of a tedious journey of academic and social preparation. Your accomplishment is as a result of your personal compe-



**Dr. Andrew Makori,
PhD**

tences such as passion, commitment, tenacity and openness to learning. I hope these attributes will remain with you as life lasts. Please nurture them as much as possible, for they will drive you far and wide. They may even turn out to be more important than your academic attainments. Take advantage of the aforementioned values to succeed in life. It is Thomas Jefferson who said, "If you want something you've never had, you must be willing to do something you've never done." Therefore, go into the world and do well, but more importantly go into the world and do good for humanity.

Take your time to celebrate. Take it easy for a while. Then get ready to take on the world with

the hope of making a mark on it. Always remember that you are braver than you believe, stronger than you seem, smarter than you think and loved more than you will ever know. Therefore let your dream be the wings to carry you into the future. Take pride in how far you have come and have faith to see how far you can go.

As you graduate today, I urge you to deal with your excitement and doubts, and to try and create the world you want to live in. Minister to the world in a way that can change it; minister radically and practically. Do not shy away from opportunities and possibilities out there. Remember your Alma Mater with your support where possible. I challenge you all to be both agents and champions of resource mobilization to your University.

DIRECTORATE OF ACADEMIC QUALITY ASSURANCE AND PERFORMANCE MANAGEMENT

The Directorate of Academic Quality Assurance (DAQA) is delighted to join the rest of the Murang'a University of Technology (MUT) community in extending our warmest congratulations to the graduating class of 2023. We take immense pride and great satisfaction in seeing the graduating class emerge as competent, innovative, and ethically responsible graduates, ready to make a positive impact on society.

DAQA has continuously ensured that academic quality assurance policies and procedures cover all aspects of academic activities. The Directorate works closely with schools and departments to ensure that curricula are up-to-date and relevant, and that teaching, learning, and assessment address student needs and meet industry expectations and international benchmarks.

DAQA appreciates the university management, esteemed faculty members, school administrators, and all other staff who have tirelessly worked to maintain the highest standards of academic excellence and learning. Their dedication to their various mandates has been invaluable to the Directorate's efforts to ensure that our students are recipients of quality knowledge and mentorship. The success of the graduating class is a testament to these collective efforts and a reinforcement of our belief in the value of quality and well-rounded education.

A key commitment of DAQA is to ensure that globally acceptable standards are consistently maintained across all academic concerns at MUT. To this end, DAQA collaborates with regulatory agencies and professional accrediting bodies to stay up-

Uncompromising standards to ensure excellence in education



Dr. Grace Njogu, PhD

dated on the latest regulations and trends for enhancing academic quality. Additionally, the Directorate takes care of faculty development by organizing periodic pedagogy workshops and training sessions. This enhances faculty members' teaching skills and ensures they are aware of best practices in teaching.

The Directorate has also continued to implement monitoring strategies to evaluate the effectiveness of teaching

methodologies, examination administration, and the output of our academic programs. This helps the university to make data-driven decisions and identify areas for improvement to enhance the provision of relevant and high-quality education to our students. The Directorate also values feedback from continuing and graduating students. We conduct various surveys to gather feedback to understand students' perspectives and to enable the university to address emerging concerns.

DAQA commends the graduating class of 2023. In celebrating your achievement, we recognize the hard work you put in to attain your milestones. The Directorate takes this opportunity to remind you that lifelong learning and education are essential for personal and professional growth. Thus, as you step into the world beyond our university and embark on the next phase of life, whether it be pursuing further studies, joining the workforce, or venturing into entrepreneurship, we encourage you to maintain the mantras of quality and excellence founded on inquiry and innovation, which MUT has inculcated in you.

We encourage you to stay connected with your alma mater, MUT. Be assured that we will reach out to you in our future Graduate Tracer Studies because we care about your progression. You will remain a valuable member of the MUT family.



We conduct various surveys to gather feedback to understand students' perspectives and to enable the university to address emerging concerns.

■■■ DIRECTORATE OF ICT



Wilson Kariuki

Bolstering digital capacity for the 21st century

The Directorate of Information Communication Technology (DICT) is entrusted with developing ICT infrastructure and automation of functional systems in the University to support the transformation of administration, learning, teaching, consultancy and research using ICT. The Directorate has developed the ICT infrastructure and digital skills that support the transformation of administration, learning, teaching, and research using ICT.

DICT is spearheaded by a group of highly qualified staff who manage all the systems in the University. The techies manage servers and ICT systems including, local area and Wide Area Network (LAN & WAN), Enterprise Resource Planning (ERP), websites and portals, digital repositories, library management systems, eLearning systems, and help-desk systems.

The University has made significant improvements to its ICT infrastructure and capacity. The university now has a robust and high-speed network infrastructure, with fibre optic backbone and Wi-Fi access points installed across campus. This allows students and staff to access the internet from anywhere on campus, including their hostels. Students can also attend online classes from the comfort of their rooms. In addition, the university is in the process of uploading more services onto the eCitizen platform, as part of the government's digitalization efforts.

Murang'a University of Technology (MUT) has been ranked highly both locally and globally by several university rankings. In the January and June 2023 Webometrics ranking, MUT was ranked 11th out of 124 institutions of higher learning in Kenya. Webometrics is a ranking system that uses

both webometric (all missions) and bibliometric (research mission) indicators to rank universities. The Webometrics ranks Universities according to their web content impact sourced from Ahrefs and Majestic, top cited researchers sourced from Google Scholar profiles, and top cited papers sourced from Scimago.

The Directorate has installed IP security CCTV cameras and access control systems to boost security in the university. The security solution comprises face recognition cameras that will identify students using facial recognition algorithms.

As the number of cyber-attacks and intrusions continues to rise in the world, DICT has continuously improved its cyber security measures by implementing robust firewalls and intrusion detection systems (IDS) that monitor our networks for malicious activity or policy violations. Any intrusive activity or violation is typically reported to the security operations centre (SOC) housed in the Directorate.

DICT is currently implementing Eduroam WIFI, which is an international Wi-Fi internet access roaming service for users in research, higher education and further education. Researchers, lecturers, and students from other institutions will be able to access the internet when visiting MUT. The Directorate will continue to develop ICT infrastructure to meet current and emerging needs. The Directorate congratulates the Class of 2023 upon their graduation.



MUT was ranked 11th out of 124 institutions of higher learning in Kenya.



Students in a computer lab



Students at the hostel block

■■■ DIRECTORATE OF CATERING AND ACCOMMODATION SERVICES

Making MUT a home away from home

Murang'a University of Technology (MUT) plays a vital role in shaping the educational journey and overall experience of students. The holistic learning environment extends beyond classrooms and lecture halls. The Directorate of Catering and Accommodation Services (DCAS) provides quality catering services and accommodation facilities in the University.

Culinary delights on campus

DCAS provides an array of dining options that cater for the diverse tastes and dietary needs of our university community. The catering department takes pride in serving meals that are not only delicious but also nutritious to enhance a healthy lifestyle among our students. Our active student cafeteria serves not only as a place to refresh but also as a social hub that fosters interactions among students.

We wish to take a mo-



Dr. Juliana Maina, PhD

ment to celebrate the unsung heroes who add flavour to our daily lives—the remarkable team at our Catering Department. They are the masterminds behind the delicious meals that excite our taste buds and create cherished memories of each delicious bite during university events and gatherings.

The next time you attend an event or enjoy a meal on campus, remember that the magic on your plate is a result of the hard work and devotion of these

culinary artisans. Let's raise a toast to our extraordinary Catering Department, whose meals bring joy and togetherness to our MUT family.

Accommodation Services
The University has 1,500-and-more-capacity residential hostels that provide students with a spacious living environment during their first year at the University. For many students, moving away from home and settling into university life can be an intimidating experience. Our Accommodation Department goes above and beyond to ease this transition and provide a warm welcome to all residents. From the moment students step foot on campus, the team is dedicated to creating a safe, supportive, and inclusive living environment.

The department manages a variety of accommodation options, including residence halls, and off-campus housing, catering to the diverse needs and preferences of our students. They work diligently to ensure that each student feels at ease and comfortable in their new surroundings.

The safety and security of our students are of paramount importance to our accommodation Department. There are safety measures, including 24/7 monitoring, secure access control systems, safety equipment and regular inspections to ensure that the living spaces are conducive.

DCAS collaborates with students with disabilities and those with special needs to accommodate their requirements, providing accessible rooms and necessary support services. By promoting an inclusive and diverse community, they strive to make our university a place where everyone feels valued and respected.

DCAS looks forward to another year of offering culinary delights, comfortable living spaces, and fostering community networks.



Let's raise a toast to our extraordinary Catering Department, whose meals bring joy and togetherness to our MUT family.

EXAMINATIONS OFFICE



**Dr. Charles Warui,
PhD**

The University Examinations Office is a big part of Murang'a University of Technology (MUT). This office is under the leadership of the Registrar's department. They've got a clear set of rules that help them do their job well. Basically, they make sure that all exams are given out on time, marked correctly, and results are shared with students.

Driven by a robust examination policy, the Examinations Office doesn't merely operate; it thrives. It acts as a bridge between the university's various schools, ensuring that the exams are not just timely but also uphold the stringent standards set by the senate. Anchored in a quality management system, our examinations undergo meticulous scrutiny, both internally and externally, to preserve their integrity, ensuring that each paper is a true testament to our university's commitment to academic excellence.

Once the exams are done, the Examinations Office springs into coordinated ac-



Students during a lecture

Setting high academic standards in higher education

tion. Collaborating with diverse university schools, they oversee the meticulous marking process at the university's central marking center. This dedication ensures that results aren't merely processed but are refined, approved by the senate, and then promptly delivered to the awaiting students.

The office isn't just a beacon of commitment but also a paragon of efficiency.

Boasting a team of dedicated professionals, they ensure that every student's academic journey is recorded, sealed, and delivered on time in the form of transcripts and certificates.

MUT is more than an institution; it's a hub of academic activity. As a recognized center for both KASNEB and TVET-CDAAC examinations, our Examinations Office seamlessly integrates with

the university administration, Director TVET, and KASNEB. This collaboration guarantees a smooth and effective processing of these external examinations.

On this auspicious occasion of our 7th Graduation Ceremony, I take this opportunity on behalf of the University Examinations Office to express my felicitations to all the 2023 graduands for their achievement.

DEPARTMENT OF GENDER AND DISABILITY MAINSTREAMING

Leading the way in inclusive education

The Office of Gender and Disability was established in 2013 to mainstream gender and disability-related frameworks within Murang'a University of Technology (MUT). The office operates as a Unit under the Office of Registrar, Administration and Planning and is headed by a coordinator. The coordinator operates under the guidance of two committees, that is, Gender Mainstreaming Committee and Disability Mainstreaming Committee.

Disability mainstreaming at MUT

The United Nations Convention on the Rights of Persons with Disabilities (UNCRPD) holds that inclusive education is central to the provision of quality education for all. MUT has taken bold steps to support students with disabilities, including the appointment of a disability mainstreaming champion who offers mentorship services to bolster their confidence and improve their academic performance. The office encourages students with disabilities to participate in student elections and extra-curricular activities as a way of fostering a sense of community and collaboration.

MUT has registered a total of 21 students with disabilities since its inception, comprising 18 males and 3 females. In line with UNESCO's recommendation that the elimination of



Caroline Ogembo

barriers to higher education is the first step to inclusion, MUT has strived to make the learning environment more accessible by putting in place accessible facilities such as washrooms, ramps, tactile lifts, and an accessible university website.

MUT has also made learning materials and lecture rooms accessible, making it easier for students with disabilities to excel in their academics. The university allocates extra thirty (30) minutes to students with disabilities to encourage them to perform well in their examinations. Furthermore, large print ma-



The university has also installed NVDA software in library computers for ease of access to library resources by students with visual disabilities.

terial and exams are offered to students with low vision, protecting them from straining to read the standard font (12).

In addition, the University has also installed NVDA software in library computers for ease of access to library resources by students with visual disabilities. MUT works with other state agencies such as the National Council for Persons with Disabilities (NCPWD) to train the Disability Mainstreaming Committee and sensitize staff on disability-related issues to promote inclusivity in University education. They also conduct usability and accessibility audits of the available facilities to help the University identify barriers to learning and ensure access to education by all learners.

The Unit encourages students with disabilities to apply for scholarships from the National Council for Persons with Disabilities (NCPWD). During the financial years 2018/2019, 2019/2020, and 2020/2021, students with disabilities who applied received a total of ksh. 134, 000/=.

The graduates' names are retained in a database and shared with the NCPWD, which maintains a recruitment portal and prioritizes them when job opportunities arise. So far, the University has graduated thirteen (13) students with disabilities, the majority of whom are employed by various agencies

across the country.

Gender advocacy

The office has organised gender activities such as celebrating worldwide gender days, which provides an opportunity to speak or address gender concerns such as sexual gender-based violence and discrimination against one gender. In addition, gender ambassadors have been trained to sensitize the University community on gender policy and resolve gender-related issues among their peers.

I would like to commend the University Council for its efforts in promoting gender equality and affirmative action in recruitment across all the University cadres. Since the incorporation of gender mainstreaming activities in performance contracting, the office has been doing very well. In the financial year 2020/2021 and 2021/2022, the University scored 93 and 92 respectively, taking position three in the University category nationwide.

The office has worked towards reducing inequalities, encouraging inclusion, and protecting the rights of persons with disabilities through various programmes and doing partnerships with other stakeholders to advocate for equality. Finally, the Office takes this opportunity to congratulate all graduands of 2023 and wish them well in their future endeavours.

OFFICE OF CAREER SERVICES



**Dr. Caroline Igoki,
PhD**

Over the past year, the Office of Career Services has been actively involved in career mentorship programs across various counties in Kenya. Recognizing the evolving career landscape, our initiatives aim to empower the youth to make enlightened decisions that resonate with their inherent strengths and interests.

We are in a first changing world where the labour market demands constant upskilling and matching of skills with careers. This understanding drives our fervent commitment to guiding and advising students on effectively managing their careers in line with their passions. Notably, while a job might be a short-term engagement for remuneration, a career spans across a significant portion of one's life, marked by growth and development.

Murang'a University of Technology (MUT), in its quest for knowledge dissemination, responded to multiple invitations both within and beyond Murang'a County. We extended our services to Kiambu, Nairobi, Laikipia, Machakos, and Nandi counties, to name but a



Dr. Igoki at a career day at Machakos Boys

Transformation from learning to earning

few. Specific areas we reached within Murang'a County include Kiharu, Gatanga, and Kahuro, with sessions held at schools such as Mumbi Girls, St. Anuarite Gatanga Girls, Machakos High School, Karima Girls, Statehouse Girls, and Kapsabet High School. Additionally, in collaboration with KUCCPS, we organized a career day for Murang'a County schools to guide the 2022 candidates in their career choices.

As we celebrate this momentous occasion, we extend our heartfelt appreciation to the 2023 graduating class for entrusting MUT with the foundation of your career journey. Reflecting back, from your initial days at MUT to now, it's evident how diligently you've honed your skills and progressed in your chosen fields. We commend the dedication and perseverance that

brought you to this pivotal moment. Throughout your stay at MUT, you were consistently equipped with career insights and real-world experiences, such as teaching practice and industrial placements, all of which have paved the way for your graduation today.

We encourage you to once again consider choosing Murang'a University of Technology to continue to grow your career and upskilling to have a portfolio of skills needed in either postgraduate studies, professional courses, or soft skills such as life skills. We are with you every step of the way. Our doors are open to support you. You may reach out to us either physically or remotely. We will be glad to hear from you.

Once again hearty congratulations for this achievement and we wish you well in your future endeavors.



Reflecting back, from your initial days at MUT to now, it's evident how diligently you've honed your skills and progressed in your chosen fields.



Dr. Igoki at a career mentorship event at Karima Girls Secondary

INDUSTRIAL ATTACHMENT OFFICE

Bridging theory and practice



A session in the radio studio

Industrial attachment is an industry-based practical training experience that prepares trainees for the tasks they are expected to perform on completion of their training. The purpose of industrial attachment at Murang'a University of Technology is to produce practically oriented graduates who meet the requisite job-related competences of their future careers.

It also serves as a linkage between the University and various partners who consume services and/or products produced by the University. Additionally, it provides an opportunity for students and academic staff to interact with stakehold-



**Dr. Kennedy Ogila,
PhD**

ers and potential employers and thus appreciate field situations that may generate information for curricula review and improvement.



Students on industrial attachment download and keep log books where they record relevant daily activities as well as new knowledge learnt during the attachment period.

Our students proceed to industrial attachment once they complete 75% of their course. Whenever they proceed to industrial attachment, the University provides each of them an insurance cover with insured benefit such as medical expenses and accidental dental injuries among other benefits during the attachment period. Students on industrial attachment download and keep log books where they record relevant daily activities as well as new knowledge learnt during the attachment period. All university policies and procedures apply throughout the duration of industrial attachment.

On behalf of the Industrial Attachment Section, I would like to sincerely congratulate the graduating class of 2023. Similarly, I would like to extend my warmest greetings to your parents and families who are celebrating with you today and who will be your greatest cheer leaders as you proceed on to your next steps. Through numerous challenges, you have met and, in many ways, exceeded all of our expectations. For this, you should feel extremely proud; as we are of you.

THEIR TAKE

Industrial attachment experience



Joe Njenga (BLC Class of 2024)

I joined Evangel Publishers as an intern on May 5, 2023. As a student studying for a Bachelor of Linguistics and Communication Studies (BLC) degree, I was excited to put the skills I had learned in class to use in the workplace. However, I found the work environment too quiet and it took me some time to get used to

having my own office.

Evangel Publishers is a publishing firm located in Pan African Christian University in Kasarani. They are involved in book writing, editing, and printing. My first assignment was to proofread books in the publisher's warehouse. This was a new experience for me, but I was eager to learn. I also conducted research for an academic publications' project that the firm was undertaking.

The firm organized a training for interns on the fundamentals of editing. To my surprise, it was just a small twist of what I had learned in class. However, I still found it helpful to get hands-on experience. Being a Christian institution, we had to follow strict Christian guidelines. We held a service on Mondays, and I had the opportunity to lead the service and

deliver a sermon. This helped me to gain more confidence in speaking to people in a gathering.

We did not go out often, but I remember one trip to the printing press. It was so interesting to see firsthand how books are produced.

The toughest part of my internship was commuting every day from Kahawa West to my workplace in Kasarani. I had to wake up very early and walk to the bus stop. From there, I took matatus that made numerous stops along the way. Apart from the physical exhaustion, I found commuting very expensive.

Generally, I am happy for the internship experience and the contacts I made in the publishing industry. I learned a lot and I am confident that this experience will be helpful in my future career.

Immaculate Kinyua (BLC Class of 2024)

As a student pursuing a Bachelor of Linguistics and Communication Studies (BLC) degree, I was excited when my request for attachment at FOCUS Kenya was accepted. FOCUS Kenya is an umbrella body bringing together Christian unions from different universities and colleges throughout Kenya.

On my first day of attachment, I was filled with excitement and anxiety. Everyone at the organization was welcoming, and the Director of Corporate Communications even served me a cup of tea to ease my nervousness. On that same day, I was given a role in the customer care section, where I interacted with staff and visitors from overseas. This was a great opportunity for me to learn about customer care management.

I was later assigned to the Corporate Communications department and my daily routine became quite diverse and busy. On Mondays, I edited videos in the morning and did graphic design in the afternoon. Tuesdays, I took photos of books in the organization's bookstall and collected data online for article writ-



Immaculate recording a session at FOCUS Kenya during her attachment

ing. Wednesdays were my busiest. I took photos of staff devotions in the morning, wrote articles in the afternoon, and recorded interviews.

On Thursdays, I posted book posters on the organization's social media pages to promote it. In the afternoon, I did more graphic design work. On Fridays, I edited videos in the morning and did more graphic design in the afternoon. Sometimes, I had to work on Saturdays to finish outstanding assignments.

I was happy that my volunteering in

the MUT Christian Union's media department had helped to hone my skills as a photographer and videographer. These skills helped me to execute my assigned tasks during the attachment.

On the day of my assessment by my lecturer, I was nervous but excited. To my surprise, he was amazed by how I had managed to navigate through five different major tasks with ease. His kind words of encouragement and positive feedback ignited more confidence in me. My positive experience during the assessment affirmed to me that I was following the right career path.

At the end of my attachment, I had to write a report. Although it was challenging, it served as an opportunity to reflect on the incredible media production skills I had acquired.

As my attachment came to a close in August, I felt a swirl of emotions as I said my goodbyes to the place that had grown akin to a second home. During my time there, I had cultivated meaningful professional relationships with the staff and broadened my professional network. I can confidently affirm that my attachment journey contributed significantly to my social, academic, and spiritual growth.

STUDENT GOVERNING COUNCIL



MUTSO Council members pose for a photo with DVC, ASA, Prof. Tuitoek after their inauguration ceremony

Murang'a University of Technology Student Organization (MUTSO) student governing council has by all standards incorporated integrity, insight and inclusivity in its governance. In our short tenure in the office, we have spared no efforts in seeing to it that we relentlessly champion for and jealously guard the fundamental rights and welfare of students.

With unwavering determination to ensure quality of teaching and learning at Murang'a University of Technology (MUT), MUTSO has pushed for the procurement of the requisite new modern equipment for the School of Pure and Applied Science and engineering courses. Additionally, we have successfully negotiated for the change of attachment and practicum policy from 200

Effective student leadership through integrity, insight and inclusivity

square kilometres to 350 square kilometres, of which implementation begins in the next academic year. Furthermore, MUTSO is grateful that the University manage-



Davies Kemboi

ment honoured its request to increase of the work-study-programme funding from 1.2 million to 2 million shillings to cater for more students who are less-privileged.

In response to concerns over student accommodation, we've enhanced oversight to improve the well-being of students in residences. This includes negotiating favourable deposit agreements and promoting high hygiene standards. Furthermore, we've advocated for the installation of WiFi in our hostels.

Sports and entertainment at MUT have also seen substantial growth. MUTSO

is proud to introduce the university's inaugural talent scouting league. Additionally, we've successfully campaigned for new sports jerseys, improved the basketball court with floodlights, and initiated upgrades for the Kiharu Stadium.

Finally, MUTSO passes warm felicitations and acclamations to the class of 2023. The transition you have made no doubt stems from your resilience, diligence, and insurmountable energy that have put you at this academic pedestal Go forth and change the world.

Davies Kemboi is the chairman of MUTSO.

ALUMNI REPRESENTATIVE

Harvest time precedes seed time



A section of graduands at a past ceremony



Somo Bilalo

To our graduands, throughout your time in this institution, you have invested your energies and money, and now the time has come for you to gather the bountiful harvest of your dedicated hard work. On behalf of The Murang'a University of Technology Alumni Association (MUTAA), I would like to extend my heartfelt congratulations to the remarkable Class of 2023 for your momentous achievement.

Your graduation represents the culmination of your immense dedication, unwavering determination, and focused efforts throughout your studies. We joyfully open our arms to welcome you back as members of our association.

MUTAA is committed to fostering valuable networks for the benefit of both the Murang'a University of Technology (MUT) and its esteemed alumni. We have hosted career talks for students, provided employment opportunities for alumni through our cafeteria project, and supported the

University's endowment fund, which aims to provide scholarships for needy students. As alumni, we are encouraged to support the endowment fund by making financial contributions.

We are also making plans for the alumni homecoming event, where all alumni will gather to strategize for the development and growth of our university. Additionally, we have plans to register the association with the government to enable us to transact business and acquire properties under its name. As you embark on this new chapter of your lives, we encourage you to actively



Be not afraid of greatness. Some are born great, some achieve greatness, and others have greatness thrust upon them.

engage in our alumni association, fostering connections, and contributing to the success of our alma mater.

Embracing lifelong learning and furthering your knowledge will equip you with the skills and expertise necessary to navigate the challenges and seize the opportunities that lie ahead. As you advance in your field, MUTAA encourages all alumni to make MUT their institution of choice for their postgraduate studies. Let your return inspire us all with the brilliance of your achievements and the boundless potential that lies within you.

I encourage you with a quote by William Shakespeare, "Be not afraid of greatness. Some are born great, some achieve greatness, and others have greatness thrust upon them." Seek opportunities for continuous learning. Graduation does not mark the end of education; it signifies the beginning of a lifetime of learning. Embrace new knowledge, experiences, and perspectives. Stay curious, remain thirsty for knowledge, and never stop exploring the vast horizons of your chosen field.

Finally, I urge you not to confine ourselves within boundaries. Seek opportunities to broaden your horizons, explore new avenues, and excel in various aspects of life. Embracing diverse experiences and continual growth will enrich your lives and contribute to your overall success and happiness.

May your journey be filled with remarkable achievements, personal fulfilment, and abundant opportunities. Congratulations once again on your well-deserved success!

MURANG'A UNIVERSITY OF TECHNOLOGY OFFICE OF THE REGISTRAR, ACADEMIC AND STUDENT AFFAIRS

ACADEMIC PROGRAMMES

1. SCHOOL OF BUSINESS AND ECONOMICS	
Department of Human Resource Management	
COURSE	DURATION
Doctor of Philosophy in Human Resource Management	Three (3) Academic years
Doctor of Philosophy in Development Studies	Three (3) Academic years
Master of Science in Human Resource Management	Two (2) Academic years
Master of Science in Entrepreneurship	Two (2) Academic years
Master of Science in Development Studies	Two (2) Academic years
Bachelor of Science in Human Resource Management	8 Semesters
Bachelor of Science in Entrepreneurship & Enterprise Management	8 Semesters
Bachelor of Development Studies with IT	8 semesters
Diploma in Human Resource Management	6 Semesters
Diploma in Human Resource Management (TVET)	9 Terms
Department of Commerce	
COURSE	DURATION
Doctor of Philosophy in Business Administration	Three (3) Academic Years
Master of Business Administration	Two (2) Academic Years
Bachelor of Commerce	8 Semesters
Bachelor of Procurement and Supply Chain Management	8 Semesters
Diploma in Business Management	6 Semesters
Diploma in Business Management (TVET)	9 Terms
Diploma in Cooperative Management (TVET)	9 Terms
Diploma in Supply Chain Management (TVET)	9 Terms
Diploma in Marketing (TVET)	9 Terms
Certificate in Procurement and Supply Chain Management	4 Semesters
Certificate in Business Management	4 Semesters
Department of Agriculture	
COURSE	DURATION
Doctor of Philosophy in Agricultural Economics	Three (3) Academic years
Master of Science in Agricultural Economics	Two (2) Academic years
Bachelor of Science in Agriculture	8 Semesters
Bachelor of Science in Agricultural Education and Extension	8 Semesters
Bachelor of Science in Agribusiness Management and Enterprise Development	8 Semesters
Bachelor of Science in Agricultural Economics and Rural Development	8 Semesters
2. SCHOOL OF ENGINEERING AND TECHNOLOGY	
Department of Electrical and Electronic Engineering	
COURSE	DURATION
Doctor of Philosophy in Electrical and Electronics Engineering	Three(3) Academic Years
Master of Technology in Electrical and Electronics Engineering	Two (2) Academic Years
Bachelor of Science in Electrical and Electronic Engineering	10 semesters

Bachelor of Technology in Electrical and Electronic Engineering	8 semesters
Diploma in Electrical and Electronics Engineering	6 Semesters
Diploma in Electrical and Electronics Engineering - Power (TVET)	9 Terms
Department of Engineering Technology	
COURSE	DURATION
Master of Technology in Mechanical Engineering	Two (2) Academic Years
Bachelor of Science in Mechatronics Engineering	10 Semesters
Bachelor of Science in Civil Engineering	10 semesters
Bachelor of Technology in Mechanical Engineering	8 semesters
Diploma in Civil Engineering	6 Semesters
Diploma in Mechanical Engineering	6 Semesters
Diploma in Building Engineering Technology (TVET)	9 Terms
Diploma in Mechanical Engineering - Production (TVET)	9 Terms
Diploma in Automotive Engineering (TVET)	9 Terms
Diploma in Civil Engineering (TVET)	9 Terms
3. SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES	
Department of Physical and Biological Science	
COURSE	DURATION
Doctor of Philosophy in Chemistry	Three (3) Academic years
Doctor of Philosophy in Physics	Three (3) Academic years
Master of Science in Chemistry	Two (2) Academic years
Master of Science in Physics	Two (2) Academic years
Master of Science in Applied Ecology and Environmental Management	Two (2) Academic years
Master of Science in Applied Entomology	Two (2) Academic years
Bachelor of Science in Analytical Chemistry	8 semesters
Bachelor of Science in Industrial Chemistry	8 semesters
Bachelor of Science (General)	8 semesters
Bachelor of Science in Biosciences	8 semesters
Diploma in Applied Biology (TVET)	9 Terms
Diploma in Applied Chemistry (TVET)	9 Terms
Department of Mathematics and Actuarial Science	
COURSE	DURATION
Master of Science in Statistics	Two (2) Academic years
Bachelor of Science in Mathematics and Computer Science	8 semesters
Bachelor of Science in Mathematics and Economics	8 semesters
Bachelor of Science in Applied Statistics with Programming	8 semesters
Bachelor of Science in Actuarial Science	8 semesters
Department of Medical Laboratory Science	
COURSE	DURATION
Bachelor of Science in Community Health	8 semesters
Bachelor of Science in Medical Laboratory Science	8 semesters
Bachelor of Science in Environmental Health	8 semesters
Bachelor of Science in Nursing	8 semesters
Diploma in Pharmaceutical Technology (TVET)	9 Terms
Diploma in Medical Laboratory Sciences (TVET)	9 Terms

4. SCHOOL OF HOSPITALITY AND TOURISM

Department of Hospitality, Travel and Tourism Management	
COURSE	DURATION
Doctor of Philosophy in Tourism and Hospitality Management	Three (3) Academic years
Master of Philosophy in Tourism and Hospitality Management	Two (2) Academic years
Bachelor of Tourism Management	8 semesters
Bachelor of Travel and Tours Management	8 semesters
Bachelor of Science in Events and Leisure Management	8 semesters
Bachelor of Hospitality Management	8 Semesters
Bachelor of Science in Food Science and Technology	8 semesters
Bachelor of Science in Food, Nutrition and Dietetics	8 semesters
Diploma in Tourism Management	6 semesters
Diploma in Hospitality Management	6 semesters
Diploma in Nutrition and Dietetics	6 semesters
Diploma in Food Science and Technology	6 semesters
Diploma in Food and Beverage Management (TVET)	9 Terms
Diploma in Food Technology (TVET)	9 Terms
Diploma in Housekeeping Management (TVET)	9 Terms
Diploma in Tourism Management (TVET)	9 Terms
Certificate in Hospitality Management	4 semesters
Certificate in Nutrition and Dietetics	4 semesters
Certificate in Tourism Management	4 semesters

5. SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

Department of Computer Science	
COURSE	DURATION
Doctor of Philosophy in Computer Science	Three (3) years
Master of Science in Computer Science	Two (2) years
Bachelor of Science in Software Engineering	8 Semesters
Bachelor of Science in Computer Science	8 Semesters
Bachelor of Science in Computer Technology	8 Semesters
Diploma in Computer Science	6 Semesters
Diploma in Computer Engineering and Technology	6 Semesters
Certificate in Computer Repair and Maintenance	4 Semesters
Department of Information Technology	
COURSE	DURATION
Doctor of Philosophy in Information Technology	Three (3) years
Master of Science in Information Technology	Two (2) years
Postgraduate Diploma in Information Technology	2 Semesters
Bachelor of Science in Information Technology	8 Semesters
Bachelor of Business Information Technology (BBIT)	8 Semesters
Diploma in Information Technology	6 Semesters
Diploma in Information Communication Technology (TVET)	9 Terms
Certificate in Information Technology	4 Semesters
Craft Certificate in ICT	6 Terms

6. SCHOOL OF EDUCATION, HUMANITIES AND SOCIAL SCIENCES

Department of Education and Technology	
COURSE	DURATION
Doctor of Philosophy in Educational Communication and Technology	Three (3) Academic years
Doctor of Philosophy in Early Childhood Development	Three (3) Academic years
Doctor of Philosophy in Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)	Three (3) Academic years
Master of Educational Technology	Two (2) Academic years
Master of Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)	Two (2) Academic years
Master in Education (Educational Communication Technology)	Two (2) Academic years
Bachelor of Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)	8 semesters
Bachelor of Education (Science)	8 Semesters
Bachelor of Education (Arts)	8 Semesters
Bachelor in Early Childhood Development Education	8 Semesters
Department of Humanities	
COURSE	DURATION
Doctor of Philosophy in Linguistics	Three (3) Academic years
Master of Arts in Linguistics	Two (2) Academic years
Master of Arts in Communication and Media Studies	Two (2) Academic years
Bachelor of Linguistics and Communication Studies	8 semesters
Bachelor of Journalism and Media Studies	8 semesters
Diploma in Public Relations	6 Semesters
Diploma in Journalism and Media Studies	6 Semesters
Department of Social Sciences	
COURSE	DURATION
Doctor of Philosophy in Public Administration	Three (3) Academic Years
Master of Public Administration	Two (2) Academic Years
Master of Science in Criminology and Security Studies	Two (2) Academic years
Bachelor of Science in Criminology and Security Studies	8 semesters
Bachelor of Arts in Public Administration	8 semesters
Diploma in Criminology and Security Studies	6 Semesters
Diploma in Counselling Psychology (TVET)	9 Terms
Diploma in Marriage and Family Counselling (TVET)	9 Terms

Application Procedure

All application forms can be obtained from the office of the Registrar (Academic and Students Affairs), Murang'a University of Technology, upon payment of a non refundable fee of Kshs. 500/= for Certificate courses, Kshs. 1,000/= for Diploma courses, Kshs. 1,500 for Undergraduate courses and Kshs 2,000/= for post-graduate programs. Application forms can also be downloaded from the university website www.mut.ac.ke. Payments should be made either in Cash or Bankers Cheque in favour of Murang'a University of Technology. Duly completed forms with the documentation should be delivered to the Registrar (ASA) office or sent via email to admissions@mut.ac.ke or posted addressed to:

**The Registrar (ASA),
Murang'a University Technology,
P. O. Box 75 10200,
Murang'a.
Tel: 0705939269**



MURANG'A UNIVERSITY OF TECHNOLOGY INTERNATIONAL CONFERENCE

MODE:
BLENDED

THEME LEVERAGING ON SCIENCE, TECHNOLOGY AND INNOVATION FOR ECONOMIC TRANSFORMATION

DATE: 8TH - 10TH **NOV** 2023

VENUE: MAIN CAMPUS

THEMATIC AREAS

1. ICT and engineering for the 5th industrial revolution
2. Innovations in education and training for sustainable development
3. Technology and innovation for sustainable agriculture, hospitality, and food and nutrition security
4. Science and human wellness for socio-economic growth
5. Innovation and adaptability in business and tourism for socio-economic development
6. Literacy and communication for development

REVISED IMPORTANT TIMELINES

18th Aug 2023	Abstract Submission
31st August 2023	Acceptance of Abstract
6th October 2023	Full Paper Submission
24th October 2023	Exhibition Slots

#2023MUTConference

CONFERENCE FEES

EARLY REGISTRATION
10TH OCTOBER 2023
LATE REGISTRATION
24TH OCTOBER 2023

STUDENTS
KES 1500
KES 2500

KENYAN
KES 4000
KES 4500

EAST AFRICAN PRESENTERS
45 USD
55 USD

SCHOLARS FROM OTHER REGIONS
50 USD
60 USD

CONFERENCE EXHIBITORS
KES 10000
KES 15000

Payable to: **MURANG'A UNIVERSITY OF TECHNOLOGY**
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MORE INFORMATION



MUT IS ISO 9001:2015 & ISO/IEC 27001:2013
CERTIFIED



Email: mutconference@mut.ac.ke
Contact: 0790 760 169



visit: www.mut.ac.ke

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