



MUT NEWS

Publication of the Office of the Vice Chancellor



8th
*Graduation
Ceremony*
23RD AUGUST 2024

Multimillion equipment grant

DP Rigathi Gachagua inspires
MUT community

Success marks inaugural
tourism festival

MUT VISION AND MISSION



MUT NEWS
Publication of the Office of the Vice Chancellor

MURANG'A UNIVERSITY OF TECHNOLOGY

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

We are delighted to present the 2024 edition of MUT News. As with previous editions, this issue has been made possible by the invaluable contributions of our staff, faculty and students. This edition showcases how Murang'a University of Technology (MUT) continues to fulfill its mandate.

We are especially pleased to reintroduce the Chancellor's Message, a cherished tradition in our publication. Additionally, this edition features messages from the management, perspectives from various Schools and Directorates, and insights from new offices such as the Directorate of Gender and Development Studies.

We feature the outstanding work of our faculty, who are securing grants to tackle global challenges. For instance, the School of Engineering and Technology received a multimillion-dollar grant for capacity building in engineering education practice and research. Additionally, we highlight a recent multimillion-dollar equipment grant aimed at enhancing our medical sciences programs.

We also highlight MUT's ongoing collaborations with industry partners and our mission to continue impacting the community. The success of the inaugural tourism festival showcases the vibrant campus life at MUT.

The progressive inclusion of student voices in our annual newsletter is particularly exciting. Our coverage includes a closer look at events at MUT through the eyes of students, including high-profile visits such as that of the Deputy President, Hon. Rigathi Gachagua, whose words left a lasting impact on our community. It is also inspiring to see how students are making their mark in student politics, assuming leadership roles at the national level, and embarking on personal journeys nurtured at MUT.

We also explore the holistic development of our students through the Governing Council, clubs, and societies. We feature stories from the Catholic Action as well as clubs such as the Wildlife and Environmental Club, French Club, IEEE MUT, and MUTPECC, among others.

I would like to commend the editorial team for their tireless efforts in crafting this edition. We hope you find it as engaging and inspiring as we do.

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



Message from the Chancellor

Prof. Justin Irina, PhD, EBS



*To the graduands,
today is not just
an end but a new
beginning – a chance
to apply the lessons
learned, innovate,
and lead with
compassion.*

Today, we celebrate the 8th Graduation Ceremony at Murang'a University of Technology (MUT). This occasion marks the culmination of years of dedication and hard work by the Class of 2024. With immense pride and joy, I congratulate each of you for reaching this significant moment in your lives.

I also take this opportunity to congratulate the University Council members for their appointment into office. This demonstrates the confidence the Ministry of Education has in you, arising from your stewardship and prudent management of public resources.

I take this moment to acknowledge and commend the University Council Chairman, Dr. Abel Barasa Atiti, and his team for their dedicated oversight and leadership. Your prudent management of the University's resources has guided us toward our ambitious goals, particularly in infrastructural and academic development.

My sincere appreciation also extends to the Vice Chancellor, Prof. Dickson Nyariki, the Management Board, the Senate, and all academic and administrative staff. Your focused leadership has been crucial in aligning the University's efforts with its Vision and Mission. Your contributions have been vital in achieving the milestones that mark our progress.

As I mark my first year since re-appointment for my second term as the Chancellor of this University, I take great pride in the strides the University has made. Through concerted efforts by all stakeholders, our University has grown into a distinguished centre respected for its research and academic excellence.

Outstanding institutions must impact positively on the development of the community, the nation and the world in general. This can be achieved through a commitment to fulfilling their mandates. I therefore note with satisfaction that this University has remained focused on fulfilling its mandate. Towards this endeavour, I am well aware that the University is undertaking key infrastructural projects which will create a conducive environment necessary for effective training, research and innovation.

I also wish to express my gratitude to the Government of the Republic of Kenya for its unwavering support since the University's inception in 2016. Your commitment has been instrumental in our growth and success.

A special recognition goes to the National Government, the Murang'a County Government, and other stakeholders

for their continued support. The County Government of Murang'a deserves appreciation for its invaluable partnership. It has donated 50 acres of land at Mariira for the School of Agriculture and Environmental Sciences. These collaborations align with our 2023-2027 Strategic Plan and support the 'Bottom-Up Economic Transformation Agenda,' 'Africa Agenda 2063,' and the Global Sustainable Development Goals.

Research and innovation are core mandates of MUT. Since my appointment as Chancellor, we have made significant strides in this area. Our internal grants have supported young researchers, and many of our academic staff have successfully participated in external research grant calls.

I commend our academic staff for securing the Seeding Labs equipment award, valued at Kshs. 60 million. This prestigious grant has equipped our molecular laboratory which will enhance our scientific research and educational programmes. I have also been following the progress with the Analytical and Imaging Lab funded by the NRF and which cost close to Kshs. 50 million. I am happy that it is approaching accreditation and will be beneficial to the local farming community as well as the scientific fraternity.

Institutions of higher learning play a crucial role in addressing societal issues through collaborations and partnerships. Since 2017, MUT has signed numerous MOUs, aligning with our 2023-2027 Strategic Plan and contributing to community and national development.

To the graduands, today is not just an end but a new beginning – a chance to apply the lessons learned, innovate, and lead with compassion. The values and skills you have developed will serve as the foundation for your future endeavours.

To the families and friends who have supported our graduands, your encouragement and sacrifices have been crucial to their success. To the faculty and staff, your dedication to nurturing our students' intellect and character has been fundamental to their accomplishments.

Graduands, as you move forward, carry with you a spirit of curiosity, perseverance, and a belief in your ability to make a difference. The world awaits your talents, insights, and passion. We are confident you will continue to make us proud and have a lasting impact. May your future be filled with success, fulfilment and joy.

THE UNIVERSITY COUNCIL



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MURANG'A UNIVERSITY OF TECHNOLOGY



Message from the Chairman of Council

Dr. Abel Barasa Atiti, PhD

I congratulate the Class of 2024 from Murang'a University of Technology (MUT) for their dedication, hard work and discipline, which have culminated in the timely completion of their studies. As a University, we are confident that we have played our part. We release you today into the world as educated citizens, well prepared and moulded to face the many challenges ahead. In the words of Mark Twain, it is now time for you to sail away from the safe harbour, catch the trade winds in your sails, explore, dream and discover.

I recognize and appreciate our members of staff, parents and stakeholders for their dedication and support that has enabled you to get this far. The only way to pay them back is to practice what they have imparted in you.

Let me take this opportunity to express my gratitude to the Government for bestowing on me the onerous task of steering this University. I accept the appointment with humility and pledge my commitment to lead fellow Council members in steering this institution to greater heights of accomplishment. Allow me also to thank the members of the previous University Council led by Prof. Joachim Osur for the strong foundation they built for MUT and for the many milestones they achieved. I thank them for enabling us to inherit the management of an institution with well-defined structures with a human capital base that is highly professional and motivated.

As a Council, we fully understand our mandate with regard to mobilizing resources and human capital with a view to realizing the

vision of a leading University excelling in Technological Innovation, Research, Training and Outreach. We remain greatly indebted to the Government for availing funds to put up key facilities that have completely changed the face of this institution since its elevation to university status in 2016.

Through Government grants and prudent resource management, we have constructed several facilities during the last financial year. We have built a hostel block Phase-One-Wing-Two with a capacity of 350 beds that is earmarked male first-year students joining MUT in September 2024. We have completed the perimeter fence along the entire University and the Sports Field. We have refurbished the School of Business and Economics Studies and the School of Education, Humanities and Social Science. We sunk a borehole and installed a solar pumping system. We are constructing Tuition Block Phase 2 and Cabro paving internal Roads (Phase 2). We are also installing street lighting along the roads.

The University is implementing the 2023-2027 Strategic Plan designed to address the long-term



Through Government grants and prudent resource management, we have constructed several facilities during the last financial year.

development of the University while responding to the political, legal and economic changes in the medium-term nationally and globally. These efforts will ensure that the University contributes to niche areas of the Bottom-Up Economic Transformation Agenda (BETA) and Kenya Vision 2030.

The University continues to excel in many ways, which is a clear sign of our growth trajectory. The students' population now stands at 12,000. In addition, the University has continued to grow its mix of academic programmes spread over Engineering, ICT, Health Sciences, Pure & Applied Sciences, Tourism & Hospitality, Education, Agriculture and Business Studies. The introduction of additional undergraduate and postgraduate programmes in Engineering, and in Computing and IT has further consolidated our niche in Engineering and Technology.

In the year 2023/2024, our students featured in several exhibitions with amazing industrial based innovations as a testament of our vision to provide an academically stimulating, diverse and quality learning environment that fosters research and innovation.

I wish to express my gratitude to the Government through the Ministry of Education for supporting the growth of the University. The Ministry offers financial support to students through the Higher Education Loans Board, NRE, CDF and other agencies that support higher education.

My appreciation goes to the University Management Board for their dedication to running this institution. It is through the Board that most of the milestones mentioned above have been realized. I am also grateful to the whole MUT fraternity and stakeholders for their cooperation and support throughout the years.

I wish graduands all the best as we release them to the world of work. The University has set you on the path to self-realization and service to humanity. That is a life-long journey that you have embarked on. Embrace the journey with courage and determination.



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THE UNIVERSITY COUNCIL



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Chairman of Council



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Rep. Cabinet Secretary
The National Treasury and
Planning



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

Message from the Vice Chancellor

Prof. Dickson Nyariki, PhD

Today, we are proud to present over 1,300 graduands to the world, and you are among them. I warmly congratulate you for earning your degrees, diplomas, and certificates from Murang'a University of Technology. I hope you take this moment to share the joy of your achievement with your families and guardians.

I congratulate our Chancellor, Prof. Justin Irina, on being appointed to serve in his second term. We always cherish your wise counsel and guidance that inculcate values such as the duty of care, togetherness and teamwork.

As a University, we are honoured to have Cabinet Secretary Julius Ogamba gracing this Graduation Ceremony as the Chief Guest. We are delighted to welcome the Governor of Murang'a County, His Excellency Hon. Irungu Kang'ata, the County Commissioner, Mr. Joshua Nkanatha, and other esteemed leaders from the County. We also appreciate the presence of the University Council members, led by Chairman Dr. Abel Atiti.

Our University has made major strides in academic development. The number of students has so far increased to more than ten thousand. With the new intake in September 2024, we expect to have more than fourteen thousand students on Campus. This has been made possible through the support of the Government and effective oversight by the University Council.

As a University, we have identified our niche to be Engineering, Computing and Technology, which we intend to continue supporting and nurturing. To support these areas of discipline, we have made the School of Engineering and Technology fully operational by ensuring accreditation of all major engineering and technology programmes. We have also continued to



deliberately enhance support towards programmes focusing on computing, engineering and technology, alongside other programmes offered by the University.

Our University has demonstrated significant progress in the implementation of its Performance Contract (PC) Targets and effectively cascading the objectives outlined in its Strategic Plan. This successful implementation has resulted in a notable improvement in the institution's performance from year to year.

The University has made substantial strides in implementing robust management systems. Specifically, the institution has successfully implemented both a Quality Management System (QMS) and an Information Security Management System (ISMS). These systems are crucial for maintaining high standards of operational excellence and ensuring the security of information assets. The implementation of these systems, coupled with



To support online teaching and learning, the University has implemented a robust and user-friendly eLearning platform that is integrated with ERP and library management systems.

the improved performance score, indicates our University's commitment to continuous improvement, quality assurance, and information security. These efforts contribute to enhanced educational outcomes, improved operational efficiency, and increased stakeholder confidence.

In 2024, we made substantial upgrades to our core network infrastructure, achieving speeds of 1 gigabit per second (Gbps). This upgrade ensures that our staff and students experience faster and more reliable internet connectivity. Additionally, we expanded the number of Wi-Fi access points across the campus, enabling seamless internet access with advanced roaming protocols. This effort was complemented by the implementation of a modular video conferencing solution with AI video intelligence capabilities, setting a new standard for virtual communication at the University.

Campus security has also seen significant improvements. The University has installed high-resolution CCTV systems that utilize deep learning for precise human and vehicle classification. Our commitment to providing a secure and reliable network environment for visiting researchers led to the implementation of secure EDURO-AM access.

To further enhance security, we introduced biometric facial recognition time attendance systems and deployed a comprehensive cybersecurity strategy. This strategy incorporates firewalls with Network-based





In 2024, our Women's Rugby team was crowned as National Champions, while our Drama and Music Club secured first place at the National Music Festival in Mombasa.

« and Host-based Intrusion Detection Systems (NIDS and HIDS) to safeguard our digital assets.

To support online teaching and learning, the University has implemented a robust and user-friendly eLearning platform that is integrated with ERP and library management systems. This is aimed at ensuring the effectiveness, engagement, and accessibility of eLearning content. The eLearning system has adopted the concept of modular learning. This involves a breakdown of curricula into smaller, manageable modules to enable learners to complete modules at their own pace and speeds up overall progress.

Further to this, our Open Distance and eLearning (OdeL) Centre was accredited by CUE to offer online and blended learning programmes. The University plans to launch several online programmes by September 2024 and most of our post-graduate programmes will be delivered through blended mode.

To confirm our leadership role in developing a vibrant national innovation ecosystem, the University organised the 2nd Bi-annual Conference of Murang'a University of Technology in November 2023 whose theme was "Harnessing Science, Technology and Innovation for Economic Transformation." The University also participated in the 4th Biennial Conference on Universities Research and Innovation organized by the Commission for University Education (CUE) in June 2024. MUT's innovations were ranked 1st runners-up after the University of Nairobi.

Additionally, the University played host to the East African Regional Workshop on Research Networking and Proposal Writing between 29th April to 3rd May 2024, jointly funded by UNESCO, the National Research Fund (NRF) and the University. The regional research grant writing workshop served as a platform for capacity building, knowledge sharing, understanding of the funding landscape, and formation of regional research teams.

Furthermore, our School of Computing and Information Technology students participated in the Inter-Universities Hackathon, held at JKUAT in November 2023 and scooped the first and second prizes in the category of Large Language Models and Block Chain Technologies.

Through our Directorate of Linkages, Outreach and Partnerships, we have developed robust partnerships and collabo-

rations with several organizations and the world's best universities. Through these collaborations, we have received two students from Tunisia through the International Association for the Exchange of Students for Technical Experience (IAESTE). The collaborations will enable the University to attract the best students and faculty to our shores, thereby creating a truly world class university melting pot.

Our University is committed to supporting students' extracurricular activities. In 2024, our Women's Rugby team was crowned as National Champions, while our Drama and Music Club secured first place at the National Music Festival in Mombasa. We remain dedicated to enhancing facilities to further support and encourage student involvement in these activities.

A new team of student leaders was elected in February 2024. The leadership has equal gender representation and reflects a balance in gender and ethnic diversity. These young visionary leaders complement the University Management, fostering a conducive and peaceful environment for all students to thrive and maximize their university experience.

I thank the University Council for guiding and providing strategic direction for the Management. I am grateful to the Government, particularly the Ministry of Education, for the ongoing support we have received. Our appreciation extends to the County Government of Murang'a for its continued support, as well as to all our partners and collaborators who contribute to the growth and success of our University.

To our dedicated staff and faculty, your commitment to upholding the University's reputation is truly commendable. It is through your hard work and dedication that we confidently present our graduands today, knowing they are among the finest in the job market.

To our graduands, we assure you that the education and training you have received here rank among the best available globally. As proud alumni of this University, you carry our legacy with you. We have great faith in your potential as you step into the world. We encourage you to gain valuable industry experience and consider returning to us as master's and PhD students to further enhance your knowledge and skills. May your future be bright and filled with rewarding opportunities.

**THE
UNIVERSITY
MANAGEMENT
BOARD**



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Vice Chancellor and Chairman,
University Management Board



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CPA MOFFAT K. NJOROGE,
Finance Officer

Message from the Deputy Vice Chancellor, Academic, Research and Student Affairs

Prof. Prisca J. Tuitoek, PhD



On behalf of the Division of Academic, Research and Student Affairs, Murang'a University of Technology (MUT), I wish to congratulate all our graduands of the Class of 2024 for the successful completion of their studies.

I am grateful to the University Staff for having worked tirelessly to make sure the graduands complete their studies, and are well equipped for the job market and their future endeavours. We express sincere gratitude to the parents, guardians and all those who have supported the students in the course of their studies. We share in the celebration of this well-deserved success.

The University has put in place support systems to ensure students graduate at the stipulated time and with the relevant knowledge and skills for the market. The University has ensured high standards of teaching and learning, equipped the laboratories and the library and encouraged all students to undergo, where applicable, teaching practice, teaching practicum or industrial attachment.

Our custom to support mentorship of students by relevant professionals and industry players has been appreciated especially by finalist classes. To enhance the skills of our academic staff, we arrange training on pedagogy, examination handling and the use of ICT. In addition, the Learning Management System (LMS) was upgraded to the latest stable version to enhance security features, functionality, and compatibility with modern technologies to support staff delivery and e-learning support for students. Additionally, the LMS has been plugged with tools to assist learners with special needs.

As a Division, we remain committed to the quality of our academic programmes, research, innovations and community outreach. The Directorate of Quality Assurance and Performance Management has continued to assure the University stakeholders that the education offered is of high quality. Relevant stakeholders are involved in the development and review of our curricula. During the year, a number of undergraduate and postgraduate programmes were developed and approved by the Commission for University Education (CUE). The various professional bodies including the



The University has put in place support systems to ensure students graduate at the stipulated time and with the relevant knowledge and skills for the market.

Engineers Board of Kenya, the Nursing Council of Kenya, Kenya Pharmacy and Poisons Board have partnered with us as part of the stakeholders in the consideration of our programmes. We are grateful for this kind of collaboration.

The University has put in place mechanisms for monitoring the teaching and learning through the Directorates of Quality Assurance and Performance Management, the ODeL, ICT and Performance Contracting and ISO and ways of mitigating any shortcomings. We also have adequate library materials which can be accessed on and remotely off-campus.

The MUT-IVET Institute has continuously improved over the years and now a total of 32 Diploma Courses are being run under the Competency Based Education Training (CBET) model and assessment follows the TVET-Curriculum Development Assessment and Certification Council (TVET CDACC) guidelines. This has allowed for placement through the Kenya Universities and Colleges Central Placement Services (KUCCPS). The Institute works closely with TVET-CDACC in teaching and learning, assessments and industrial attachments. This has enabled students to graduate with the competences required in the workplace. Today, we are acknowledging students who have prepared in their various Diplomas and have successfully qualified through the TVET-CDACC assessments.

During the year, the Division coordinated several research, innovations and outreach activities. The University held its 2nd International Conference between 8th -10th November, 2023. The Principal Secretary of the State Department for Higher Education and Research, Ministry of Education, Dr. Beatrice Inyangala, graced the opening ceremony. Thirteen (13) keynote speakers and sixty-one (61) presentations were made on six (6) thematic areas. The University also held an International Research Networking and proposal writing workshop between 29th May and 2nd June 2024. The workshop was conducted by experts from Malaysia, South Afri- >>

DEPUTY VICE CHANCELLOR, ACADEMIC, RESEARCH AND STUDENT AFFAIRS



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ca and Kenya. Over twenty-five (25) researchers were trained from ten (10) Universities in Kenya.

As a result of a conducive environment for research provided by the University, the staff have won several grants which include; KENET award, INTRA-AFRICA Academic Mobility Scheme award in collaboration with 6 other universities and UNESCO-TWAS 2023 award. The University has also external NRF funded on-going projects including; Youth Empowerment and capacity strengthening for post-secondary training in Agriculture, Water and Environment, Conservation and Restoration of Wetland Ecosystems for Sustainable Livelihoods in Murang'a; Higher Education Partnership for Sub-Saharan Africa, Targeting the Seven Cancer Hallmarks and Indoor Air Contamination due to Radioactive Radon Isotopes. The University has also established the "Journal of Innovation, Technology and Sustainability" which has attracted several articles in the areas of Engineering, Computing and IT.

The University also participated and exhibited four (4) Engineering innovations in the Commission for University Education 4th Biennial conference between 12th -14th June 2024 and attained an impressive position two (2) among 37 Universities. The School of Computing and IT also innovated a large language model and blockchain tool that won position one (1) award in Local Language Translator Category in hackathon held at JKUAT.

In Linkages, Outreach and Partnerships, the Division coordinated collaborations with several notable institutions and organizations. These include the International Association for the Exchange of Students for Technical Experience (IAESTE), Murang'a County Government among others. The University participated virtually in the 77th IASTE Annual Conference held from 19th -25th January 2024 in Colombia where the issues of student exchange was discussed between partner institutions.

Partnerships are set to improve staff and student capacities and have resulted in trainings and conferences. It is through this participation that the University has admitted two (2) exchange students from Tunisia this year. The University has continuously been engaged in and around Murang'a Community in Corporate Social Responsibility (CSR) activities such as town cleaning exercises, Farmers Day, and World Water Day celebrations and planting of 15,000 trees to support the government agenda of planting 15 billion trees by 2032.

Regarding student welfare, the University has strengthened services through institutionalizing national cohesion and values, student governance, enhanced work-study, co-curricular activities and promotion of student participation in community service. In February 2024, student leader-



DVC, ARSA, Prof. Prisca Tuitoek welcomes Education CS, Ezekiel Machogu, to MUT



MUT staff showcasing an innovation

ship smoothly changed hands through peaceful elections. Together with the student leadership, we have continued to identify and cater for very needy students. The students also continue to participate in co-curricular activities. For example, in October 2023, the University held a successful Cultural and Talent Week where students displayed traditional art, foods, and clothing. They also performed dances, drama and poetry. The students also participate in games and sports in organized leagues within and outside the University where they have won several trophies.

In conclusion, I take this opportunity to wish our 2024 graduands success as they step out into the world of opportunities. We are confident that the skills, insights and values imparted to you at MUT will serve you well now and into the years to come. We believe that you will be part of the solutions to societal problems. Be good ambassadors of this institution and stand out for the education you have received. I also urge you to join the MUT Alumni to continually be in touch with one another and your Alma Mater. You are also welcome back to join our competitive postgraduate programmes. All the best in your future endeavors and may God bless you.

DEPUTY VICE CHANCELLOR, FINANCE, PLANNING AND DEVELOPMENT



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Message from the Deputy Vice Chancellor, Finance, Administration and Planning

Prof. Beatrice J.W. Mugendi,
PhD



Currently, MUT is working on accreditation of her Research Laboratory to ISO 17025:2017 standard for testing and calibration of laboratories.

I gladly congratulate all graduands of Murang'a University of Technology (MUT) during this 8th graduation ceremony on behalf of the Division of Finance, Planning and Development. We join you in celebrating your success during the conferment of degrees and award of certificates and diplomas in your respective areas of study. As you go out into the world of work, practice the values of responsibility, integrity, transparency and accountability that MUT has instilled in you.

The mission of MUT is to advance knowledge and technological transfer through teaching, training, learning, research, innovation, consultancy and community engagement for sustainable development. The Division of Finance, Planning and Development is mandated to support this mission through planning, oversight of development projects, and effective and efficient use of resources.

To support the increasing number of students, the University undertook the following development projects in the Financial year 2023/2024 in line with her ten-year Master Plan: (i) Tuition Block Phase II that will increase the number of lecture rooms and also host a conferencing facility, (ii) Completion of Hostel Block Phase I Wing 2 resulting to an increase in student accommodation capacity by more than three hundred; (iii) Wi-Fi connection to hostels, and (iv) completion of the School of Education, Humanities and Social Sciences office block. The University continued to provide the necessary internet infrastructure to support teaching, learning and knowledge dissemination including remote access to E-resources in the Library

Further, MUT successfully implemented the first year work plans of her Strategic Plan for the period 2023-2027 despite resource constraints. The Strategic Plan, aligned to the Bottom-Up Economic Transformation Agenda (BETA) 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. Implementation of the plan is through annual work plans and targets that are cascaded to staff as part of performance contracting. On performance contracting, the University consistently performed very well in all the criteria categories;

from financial stewardship, service delivery, core mandate, affirmative action in procurement, presidential directives and cross cutting issues.

MUT is certified to two ISO standards; the Quality Management System (QMS) standard ISO 9001:2015 and the Information Security Management System (ISMS) Standard, ISO/IEC 27001:2013. The QMS requires the University to engage the process approach that incorporates the Plan-Do-Check-Act cycle and risk-based thinking that makes prevention part of routine in provision of services and products. The University continually improved the efficiency and effectiveness of her processes and products in order to exceed customer expectations. A successful QMS recertification audit was conducted in July 2024.

Further, the University has implemented ISMS that enabled it to manage information security risks giving confidence to students, staff and other interested parties that confidentiality, integrity and availability of data and information are ensured. The surveillance audit for ISMS was undertaken in July 2024.

Currently, MUT is working on accreditation of her Research Laboratory to ISO 17025:2017 standard for testing and calibration of laboratories. The laboratory management system standard sets out requirements for the competence, impartiality, and consistent operation of laboratories, ensuring the accuracy and reliability of their testing and calibration results. The accreditation will enable the laboratory to become a testing centre on food products, water, soils and pharmaceuticals.

On community outreach, students and staff engaged the community in tree planting and cleaning the environment, training of youths in value addition, and road safety activities. The University supported a work study program, sports, music, drama, clubs, social events, continual sensitization on security related matters, mental health awareness, prevention of alcohol and drug abuse, HIV and AIDS and lifestyle related diseases in order to provide a holistic experience to students. Finally, at MUT students are supported to be innovative for prosperity.

Once again, I congratulate the Class 2024 and wish you the best in your respective careers.

Prof. Richard Juma,
PhD



Embracing personal growth and lifelong learning

Today's celebration marks the eighth graduation ceremony of Murang'a University of Technology (MUT). I congratulate the class of 2024, their parents and guardians.

Graduation is a culmination of years of hard work, dedication, and personal growth. This is a time to reflect on the achievements made, new opportunities to be embraced, and celebration of your success. Whether you shall pursue further education, begin your professional career, or embark on a different path, I believe that your time at MUT has equipped

you with the knowledge, skills, and resilience to thrive in your future endeavors.

The education journey is normally accompanied by challenges and uncertainties. The Class of 2024 has exhibited adaptability, resilience, and determination to overcome these obstacles and has demonstrated exceptional fortitude. You have shown that you can navigate uncharted territories and emerge stronger on the other side.

As you close this chapter of your life, 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 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 on the University website, www.mut.ac.ke, the Office of Registrar, Academic, Research and Student Affairs (ARSA) or the offices of respective Deans of Schools.



The Registrar, ARSA, Prof. Richard Juma, mentoring high school students.



As you embark on the next chapter of your life, I express my heartfelt gratitude for choosing MUT as the platform for your academic journey.

REGISTRAR, FINANCE, PLANNING AND DEVELOPMENT



MUT
NEWS
Publication of the Office of the Vice Chancellor

MURANG'A UNIVERSITY OF TECHNOLOGY

Joseph N. Gachanja



Financial milestones for students' success

Graduation day is finally here, marking the culmination of years of hard work, dedication, and countless late-night study sessions. It's a day filled with hope, excitement, and a sense of achievement for everyone involved. When students joined MUT, we promised to shape them into well-rounded individuals, excelling academically and embodying values like integrity, professionalism, and respect. The knowledge and values ingrained in students will help them tackle the socio-economic challenges our nation faces.

The Office of the Registrar for Finance Planning and Development plays a crucial role in ensuring students succeed at the University. This Office coordinates and implements the University's planning and development strategies. It develops, manages, maintains, and repairs the university's infrastructure and facilities, optimizing the use of campus resources. Furthermore, it provides essential services to help the University fulfill its mission.

In the past year, several projects have been completed. The construction of the Hostel Block Phase 1 Wing 2 now accommodates 325 students. The construction of a perimeter wall and sports field has ensured a secure space for students to explore their athletic abilities. The refurbishment of the School of Business and Economics Studies, and the School of Education, Humanities, and Social Sciences has enhanced our academic facilities. Additionally, the drilling and solarization of a borehole provides sustainable water solutions.

The university has initiated several new projects. The first is the construc-



Aerial shot of MUT.



The refurbishment of the School of Business and Economics Studies, and the School of Education, Humanities and Social Sciences has enhanced our academic facilities.

tion of Phase 2 of the tuition block to expand academic spaces. The second is initiating Phase 2 of the cabro paving of internal roads to enhance campus accessibility. These milestones align with the Strategic Plan 2023-2027 and the University Master Plan, which guide investments to meet the needs of a growing student community.

We congratulate the Class of 2024 and wish them the very best in their career paths. We also appreciate their parents and guardians for their sacrifice and support in putting the graduates through their education.

A year of progress at MUT

Over the past year, the Administration and Human Resource Division has been on a mission to elevate the University to new heights. Through a series of strategic initiatives, it has transformed various facets of university life, creating a supportive environment that propels MUT towards its vision and mission. These efforts have set the stage for continued excellence.

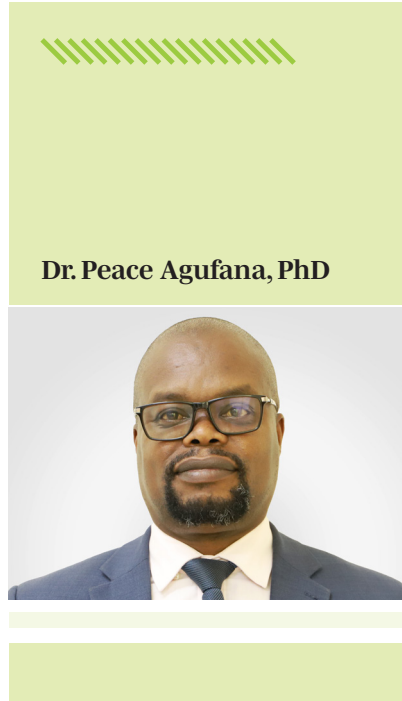
A strategic focus on expanding the number of qualified and experienced academic staff has greatly enhanced the delivery of academic programs. The Division has successfully onboarded top-tier faculty members who have strengthened the University's ability to offer diverse academic programs. Once recruited, a robust onboarding process ensures that new academic staff are effectively integrated into the University. This includes comprehensive orientation, mentorship, and access to essential resources, which eases their transition and accelerates their contributions to academic excellence.

The Division has implemented various training programs for staff professional development, including workshops, seminars, and online courses. Notably, academic staff received training on the use of the Learning Management System to facilitate their adaptation to new challenges related to ICT.

The Division has also increased the provision of attachment and internship positions, ensuring that students gain valuable real-world experience. This year, students who were offered attachment and internship positions at the university benefited substantially from hands-on experiences and industry connections.

Regarding the labour aspects of university workers, the Division has maintained effective management of collective bargaining agreements. Successful negotiation and management of Collective Bargaining Agreements (CBAs) have improved working conditions and compensation, fostering a strong collaborative relationship with staff unions.

A commitment to staff welfare is central to the Division's efforts. Initia-



tives include enhanced health benefits, wellness programs, and support services designed to improve employee well-being. Regular training on mental health, wellness, and substance abuse has led a positive work

environment and increased productivity.

There have also been notable improvements to the University's transport infrastructure. The Division facilitated the acquisition of a new van to expand the fleet capacity, increasing transportation efficiency for both staff and students.

The Division has embraced innovative automation solutions across administrative and human resource (HR) processes. Recruitment has been streamlined through an automated job application system, reducing time-to-hire and enhancing the candidate recruitment experience. Payroll systems have been automated to minimize errors and delays in salary payments. HR data analytics tools have been utilized to gain insights into workforce trends, guiding strategic decisions and optimizing HR practices. Additionally, a digital performance management system has been implemented for objective evaluations and streamlined administrative processes.

The Division is committed to continuous improvement and excellence in administration and HR management. These initiatives will guarantee the University's ongoing success.



The Science Complex.

Prudent financial management



CPA Moffat
K. Njoroge

Graduation marks not just the end of your academic journey but the beginning of a lifelong adventure filled with learning and growth. As you step into this new chapter, remember to keep exploring, innovating, and striving for excellence. Every challenge you face is an opportunity in disguise, so keep pushing towards your dreams.

On behalf of the Finance Department, I am

delighted to congratulate all the graduands. Your hard work, resilience, and dedication have brought you to this moment of success. Your achievements reflect your commitment and the unwavering support of your guardians and parents. May your optimism and determination open doors to the future you envision, no matter how ambitious your dreams may be.

At Murang'a University of Technology, the Finance Department plays a vital role in supporting the University's stakeholders. Our major functions include budget and budgetary control, student finance, creditors, debtors, personal claims, payroll, and cash management. The Department consists of a well-qualified and dedicated team committed to providing excellent service to our esteemed customers.

Our staff have extensive expertise in financial management and are committed to client service. We strive for operational excellence and adhere to the guidelines set forth in various policies, including the Public Finance Management Act, 2012. This effort is part of our commitment to helping the University realize its strategic objectives.

I extend a special thank you to the management and other stakeholders for their support and understanding, especially during times of financial and operational challenges. Your efforts have been invaluable in helping us navigate scarce resources and continue to provide top-notch services.

A year of excellence and



Prof. Eng.
Christopher
Maina, PhD

The School of Engineering and Technology (SET) at Murang'a University of Technology (MUT) continues to uphold its commitment to excellence. All our undergraduate and postgraduate programs are accredited by the Commission for University Education (CUE) and have the approval of relevant professional bodies. With the addition of two new programs this year, SET now offers a total of ten academic programs. In 2024, we will welcome our first cohorts for the Bachelor of Science in Mechatronics Engineering and the Bachelor of Science in Civil Engineering.

This year, SET established three new departments: the Department of Mechanical Engineering, led by Dr. Amos Muiruri; the Department of Building and Civil Engineering, under the leadership of Dr. Eng. Philip Mogire; and the Department of Electrical and Electronics Engineering, headed by Dr. Nicholas Oyie. These departments are now fully staffed with new faculty members, and our laboratories have been equipped to meet the highest standards.

A significant milestone this year was the election of our Dean, Prof. Eng. Christopher Maina, to the Institution of Engineers of Kenya (IEK) Council. His appointment as the Chair of the Engineering Education Committee of IEK strengthens MUT's connections with the broader engineering community in Kenya.

Grants and innovations

In 2024, SET secured two major grants. The first, titled "Capacity Building for Engineering Education Practice and Research," is funded under the NDICI-2023-MOBAF: Intra-Africa Academic Mobility Scheme. This grant, totaling €1.79 million, will support our efforts over the next four years, from January 1, 2024, to December 31, 2027. The second grant, "Digital Twin and Internet of Things Technologies for Sustainable Precision Maize Production in Kenya (DIGI-PreM)," is funded by KENET, with an allocation of KES >>

Faculty from SET engage with stakeholders in a forum held in June 2024.



impact in the engineering field



« 1.5 million. This project will run from November 1, 2023, to October 31, 2024.

Our faculty and students have also made strides in innovation, developing a solar-powered sand screening machine, which has been registered as a utility model with the Kenya Industrial Property Institute (KIPI). Under the leadership of Pauline Karobia, SET showcased this and other innovations at the CUE exhibitions, where MUT proudly secured second place.

Collaborations

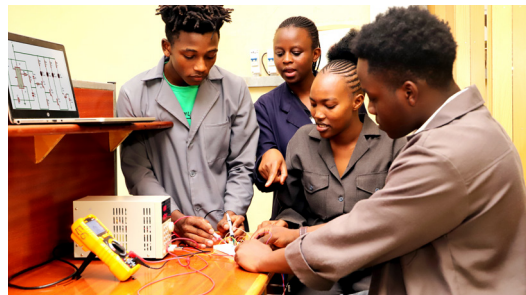
SET continues to foster strong industry collaborations. In May 2024, MUT hosted a safety training session with Kenya Power, in collaboration with IESR. This event underscored our commitment to practical learning and innovation in power systems education.

Our faculty also participated in a workshop on research methodologies, data collection, and scientific journal publication in Naivasha. This workshop culminated in the formation of a technical committee to enhance industry-academia linkages, furthering our mission to build capacity in energy, engineering, and the oil and gas sectors.

Student engagement and achievements

The Institute of Electrical and Electronics Engineers (IEEE) MUT Student Branch has been particularly active this past year. Officially launched in October 2023, the branch celebrated its inauguration with representatives from IEEE student branches at the Technical University of Kenya (TUK), Multimedia University (MMU), Mt. Kenya University (MKU), and Kenyatta University (KU). Sponsored by ECO Bank Africa and the IEEE Kenya Section, the event marked a significant milestone for our students.

IEEE MUT members have participated in numerous community outreach activities, including tree planting during the Tree Planting Day in November 2023 and a hike in January 2024. In February 2024, our students attended the TUK Civil Engineering Symposium. The IEEE MUT SB branch executives and members also had the privilege of attending a luncheon hosted by Eng. Prof. Christo-



Engineering students conducting an electronics experiment.

pher Maina in March 2024, providing them with a unique learning experience.

In addition, engineering students formed the MUT Engineering Students Association (MUTESA), which has been instrumental in connecting students with national professional engineering bodies. In June 2024, MUTESA officials participated in the International Women in Engineering Day (INWED) event at the Golden Tulip Hotel.

Looking ahead

SET eagerly anticipates the arrival of new students in September 2024, particularly those enrolling in our newly launched programs in Mechatronics Engineering and Civil Engineering. These students will join a vibrant community of faculty and staff dedicated to excellence and innovation.

As we bid farewell to our 2024 graduates, we wish them success as they transition into the next phase of their careers. We proudly extend special recognition to our first cohort of Competency-Based Education and Training (CBET) trained diploma graduates, who have set a new standard of excellence. The fields of engineering and technology are vast and constantly evolving. We encourage our graduates to embrace lifelong learning, remain adaptable, and continue striving for innovation.

Faculty from SET and a team from Ecomobilus appraising electric vehicles.

Top left: IET-K donates culvert moulds for training artisans.



Fourth year Medical Laboratory students during a practical exam.



*The school
boasts a cutting-
edge Analytical
Research
Laboratory
that facilitates
training and
research.*



**Prof. Sylvia
Opiyo, PhD**

Celebrating exponential growth

On behalf of the School of Pure, Applied, and Health Sciences (SPAHS), I extend my heartfelt congratulations to the Class of 2024. As the Dean of SPAHS, I am immensely proud to celebrate the graduands hard work, dedication that has enabled them to successfully complete their academic journey. Their achievements reflect their deep gratitude for the support given by their families, friends, and the entire University community.

SPAHS offers competitive programmes that produce highly qualified graduates in mathematics, physical, biological, and health sciences at certificate, diploma, undergraduate, and postgraduate levels. These programmes are designed to equip graduates with the skills and knowledge needed to excel and make a positive difference in the world.

In 2022, the school launched the Bachelor of Nursing programme. Following successful inspection and approval by the Pharmacy and Poisons Board, SPAHS

will introduce Pharmacy programmes in September 2024. To enhance the practical experience of students in health programmes, the school has established memoranda of understanding with Murang'a Level 5 Hospital and other health institutions in the region.

The school boasts a cutting-edge Analytical Research Laboratory that facilitates training and research. Established with KES 46 million in funding from the National Research Fund, the laboratory has opened doors for scientific innovations and consultancies in soil and water analysis, mineralogy, agricultural chemical analysis, and food analysis. The laboratory is equipped with high-performance liquid chromatography (HPLC), gas chromatography-mass spectrometry (GC-MS), X-ray diffraction (XRD), Fourier-transform infrared spectroscopy (FTIR), atomic absorption spectroscopy (AAS), microwave plasma atomic emission spectroscopy (MP-AES), and ultraviolet-visible (UV-vis) spectroscopy. The school also participated in and won the SEEDING LAB award, and is expecting to receive equipment valued at approximately KES 60 million.

SPAHS will continue to train students and develop the competencies most needed by industries, financial institutions, health sectors, learning institutions, and research organizations. The school remains committed to realizing the university's educational vision and mission.

Multimillion equipment grant to enhance medical sciences

BY MEDICAL LABORATORY DEPARTMENT

Murang'a University of Technology (MUT) received laboratory equipment and supplies valued at KES 60 million. The equipment was received in July 2024 from Seeding Labs, a US-based NGO. This donation, part of Seeding Labs' Instrumental Access program which supports institutions to advance scientific research and education.

The Medical Laboratory Sciences Department at MUT, under the leadership of Dr. Kennedy Muna, received the equipment grant following a successful application. Professor Dickson Nyariki, Vice Chancellor of MUT, praised Dr. Muna and his team for winning the grant.

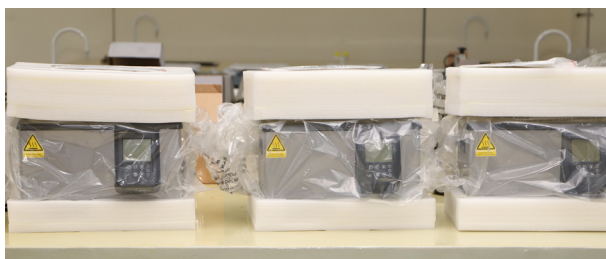
"The equipment represents a significant milestone for our university, providing our students and faculty with advanced tools to enhance research and education in medical sciences," Prof. Nyariki said. "This investment strengthens our position as a leading institution in health sciences education and underscores our commitment to offering innovative learning opportunities," he added.

The 20-foot shipping container filled with state-of-the-art equipment arrived on campus and was received by Dr. Muna. The transfer process for the equipment was meticulous. Seeding Labs ensured that MUT had the necessary power plans and frequency converters for the equipment. Upon arrival, Seeding Labs supported the university by requesting unpacking photos, offering technical assistance, and connecting the department with global experts. Professor Sylvia Opiyo, Dean of the School of Pure, Applied, and Health Sciences, highlighted the impact of the donation in preparing students for careers in science.

Dr. Muna stated that the grant was a big boost to his department. "This competitive grant will help us overcome barriers to STEM education and research at MUT. We anticipate that the equipment will significantly enhance our students' scientific skills and research capabilities," Dr. Muna said.

Seeding Labs' flagship program, Instrumental Access, provides high-quality laboratory equipment to university departments and research institutes in developing countries. The organization collaborates with over 230 public and private sector partners to supply scientific institutions with equipment, training, and networking opportunities. Since February 2024, Seeding Labs has shipped 365 tons of equipment to 110 institutions across 39 countries.

This donation aligns with MUT's vision of leading in technological innovation, research, and community engagement. The equipment will benefit the Medical Laboratory Sciences Department, which currently has an



A selection of equipment received from Seeding Labs.



A technologist inspects equipment received from Seeding Labs.

enrollment of 260 students. "We expect a transformative impact in our pedagogy and research projects," concluded Dr. Muna.

Welcome to the future of agriculture



**Prof.
Dorothy
Amwata,
PhD**

In the heart of Murang'a University of Technology (MUT), a new beacon of agricultural excellence has emerged. The School of Agriculture and Environmental Sciences (SAES), established in August 2022, stands as the youngest school within the university, yet it has already made significant strides in the field of agriculture and environmental sciences.

As the founding Dean, I am both humbled and privileged to lead this dynamic institution. Our mission is deeply intertwined with the university's overarching goals of teaching, training, learning, research, innovation, consultancy, and community engagement, all aimed at fostering sustainable development.

To the trailblazing graduates of 2024, your journey has been nothing short of remarkable. Your degree is a testament to your intelligence, determination, and perseverance. You are the pioneers who have set the bar high for future cohorts.

Hub of academic excellence

SAES is home to the Department of Agriculture, which offers a range of professional courses and competency-based curricula. Our programs span from Technical and Vocational Education Training (TVET) diplomas to undergraduate and postgraduate degrees. The diploma programs include Horticulture, Agripreneurship, and Agricultural Extension. At the undergraduate level, we offer Bachelor of Science degrees in Agriculture, Agricultural Economics and Rural Development, Agricultural Education and Extension, and Agribusiness Management and Enterprise Development. Our postgraduate offerings include Master of Science degrees in Agricultural Economics and Climate Smart Agriculture, as well as a Doctor of Philosophy degree in Agricultural Economics. All our programs are fully accredited by the Commission of University Education.

Our commitment to providing top-notch education is reflected in our state-of-the-art facilities, which include a field station, laboratories, and an agricultural demonstration center. These resources ensure that our students receive hands-on training and are well-prepared for the demands of the agricultural sector.



MUT is a pioneer in Kenya and ranks second in Africa for offering a dedicated Climate Smart Agriculture (CSA) curriculum.

MUT is a pioneer in Kenya and ranks second in Africa for offering a dedicated Climate Smart Agriculture (CSA) curriculum. Through our CSA initiative, we have equipped over 1,500 youth, women, and organized groups with practical CSA skills, effectively bridging the gap between theory, science, and practice. Our graduates are highly employable and hold senior positions in various sectors across Kenya and beyond.

Collaborative research and community engagement

Our academic and technical staff are actively involved in numerous collaborative research projects with local and international organizations. These projects cover a wide range of topics, including climate smart agriculture, youth empowerment in agriculture, water and environment, value chain analysis of indigenous crops, and more.

SAES effectively collaborates with Alliance Bioversity CIAT, Institute of Culture and Ecology, and African Population Health and Research Centre. The School also partners with Kenya Agricultural Livestock Research Institute, Meta Meta Kenya, Institute For Research and Policy Alternatives, and Ikombe Tea Factory. Numerous other partners are drawn from universities, bilateral and multilateral organizations, community-based organizations, the private sector, and youth, women, and farmer organizations.

In addition to research, SAES is deeply committed to community outreach. We train small-scale farmers and organized women and youth groups on CSA, integrated soil fertility management, and integrated pest management. We also mentor high school students, fostering the next generation of agricultural leaders.

As our students go out, we pride ourselves in presenting to the world innovators, enterprising, solution-oriented change makers who will contribute to the transformation of the national and global agrifood and nutrition systems and environmental stewardship.

Shaping the future

For prospective students, we hope that the information on our website inspires you to join our vibrant community. Our programs are designed to equip you with the knowledge and skills needed to excel in the agricultural sector. To potential research collaborators and partners, we invite you to reach out to relevant departments at MUT to partner with us. Together, let's shape the future of agriculture and environmental sciences.



Prof. Dorothy Amwata receiving a certificate of participation in ISTIC workshop.

SCIT's commitment to excellence

The School of Computing and Information Technology (SCIT) is a center for innovation and academic rigor. The School continuously evolves to meet the dynamic needs of the industry. Its goal is to provide sound education that prepares students for the challenges of the digital age.

Market driven programmes

SCIT offers a robust selection of five undergraduate programmes: Bachelor of Science in Computer Science, Bachelor of Science in Information Technology, Bachelor of Science in Software Engineering, Bachelor of Science in Computer Technology, and Bachelor of Business Information Technology. In response to market demands, we are excited to announce the upcoming launch of new programmes in Computer Security and Digital Forensics, Information Science, and Data Science. These programmes are meticulously designed to equip students with the skills and knowledge needed in today's rapidly evolving fields.

The school boasts of a new programme in Computer Security and Digital Forensics focuses on safeguarding digital assets and investigating cyber incidents, addressing the rise in cyber threats. The Information Science course covers information management, digital libraries, and archives, preparing students to navigate and harness vast amounts of digital information. As data becomes increasingly crucial, our Data Science programme trains students to extract valuable insights and make informed decisions using statistical, computational, and domain-specific expertise.

For those considering further studies, SCIT offers vibrant postgraduate programmes, including Master of Science in Information Technology, Master of Science in Computer Science, Doctor of Philosophy in Computer Science, and Doctor of Philosophy in Information Technology. Postgraduate students from the school are actively involved in research areas such as software engineering, artificial intelligence, machine learning, natural language processing, computer networks security, and blockchain technology.

The faculty is not only highly qualified but also actively engaged in research and industry collaborations. This year, several lecturers won research grants, demonstrating SCIT's commitment to advancing knowledge and solving societal problems.

Industry collaborations

SCIT places a strong emphasis on bridging academia with industry to provide real-world learning experiences and enhance career pros-



University management led by DVCs, Prof. Tuitoek and Prof. Mugendi receiving a trophy won by students at the 2023 Inter-University Hackathon 2023.



The school boasts of a new programme in Computer Security and Digital Forensics focuses on safeguarding digital assets and investigating cyber incidents, addressing the rise in cyber threats.



**Dr. John
Ndia, PhD**

pects for our students. The School's partnership with Jitu Company, a leading software engineering firm, has provided students with valuable industry attachments. The students have enhanced their practical skills and industry insights. This year, 28 students received a 12-week training in full stack development. The students graduated in July 2024 at Teach2Give headquarters in Nyeri. To strengthen capabilities in cybersecurity and forensics, SCIT has partnered with Profitap Company. Additionally, a collaboration with Huawei has ensured that students access professional courses in security, artificial intelligence, and data communication.

Student excellence

The school takes pride in the achievements of students, who continuously demonstrate their excellence both within and beyond the classroom. For example, in 2023, SCIT students participated in an inter-university hackathon and emerged victorious. The theme of the event was "Future-Tech Odyssey," emphasizing innovativeness, valuable networking, and collaborative efforts. The students participated in the categories of Large Language Model (LLM) and Blockchain technology, presenting E-LINGO and Elecure projects, which secured first and second positions, respectively. E-LINGO is an NLP-based local language translator designed to translate English to Kikuyu. On the other hand, Elecure is a blockchain-based election system ensuring data security and authenticity.

In conclusion, we encourage graduands to continue being innovative as they prepare to embark on their professional journey. We encourage them to stay connected with SCIT, leverage the resources available in the School and apply for postgraduate programmes. SCIT values excellence and innovation, and will continue to offer quality education for all.

Education beyond the lecture halls



CEC Tourism for Murang'a County, Paul Mugo, who was the guest of honour, crowns Mr and Miss SHTM 2024/2025.



Students who were part of the organising committee of the festival.



At SHTM, education extends beyond the classroom. This year, we hosted a series of events focused on sustainable tourism, including insightful sessions by the Sustainable Travel and Tourism Agenda (STTA).



Prof. Rayvisic Mutinda, PhD

The School of Hospitality and Tourism Management (SHTM) committed to excellence and continuous improvement. The School has been at the forefront of ensuring students are well-prepared to lead in this dynamic industry. In the past year, Faculty has conducted a comprehensive review of the master's and undergraduate curricula to ensure programs offered remain relevant and industry focused. This ongoing effort aims to produce market-ready graduates who can respond to the evolving needs of the hospitality and tourism sectors.

Our postgraduate programs continue to attract students with impressive completion rates. We are proud to see our students graduate, a testament to their hard work as well as the quality of education and support provided by our faculty.

We are excited to announce the development of international partnerships aimed at fostering research and academic excellence. Our collaboration with the Faculty of Hospitality and Tourism Management at the University of Rijeka in Croatia stands out as a significant milestone. This partnership opens new avenues for joint research projects and student exchange programs, enriching the academic experience for all involved.

Celebrating cultural diversity

At SHTM, education extends beyond the classroom. This year, we hosted a series of events focused on sustainable tourism, including insightful sessions by the Sustainable Travel and Tourism Agenda (STTA). These events emphasized >>



DVC, ARSA, Prof. Tuitoek, receiving partners.



DVC, FPD, Prof. Mugendi, leads a cake cutting session at the African Masquerade dinner.

« the importance of responsible travel and its positive impact on our environment and communities.

Our graduating students showcased their talents and organizational skills by hosting the first edition of the Tourism, Culture, and Food Festival, dubbed “The African Masquerade Dinner”. The event was held on 15th March 2024 to celebrate Kenya’s rich cultural fabric through dance, performances, and exquisite cuisine from various communities. The festival attracted participants from the tourism industry, local community leaders, banks, and other corporates, including the newly formed Murang’a County Tourism Association (MCTA). Top chefs from leading hotels, such as Tamarind Tree Hotel in Nairobi and Nokras Riverine Hotel and Spa in Sagana, provided technical support. The overwhelming support from industry players made the event a resounding success.

Community involvement

SHTM remains committed to the socio-economic development of the local community. This year, we participated in the Agricultural Nyeri Show, demonstrating our dedication to community engagement. We also hosted training sessions on value addition and food security for women and youth, and held career talks to inspire high school students towards promising futures in hospitality and tourism.

Promising future

The future of our students’ campus experience is promising. To enhance the professional development of our students further, we are excited to announce the school’s plan to introduce two clubs for our Hospitality Management and Travel and Tourism Management students. These clubs will provide students with additional opportunities for hands-on learning, networking, and leadership development.

As we bid farewell to our graduands, we are confident that they are equipped with the knowledge, skills, and experiences needed to excel in their careers. We wish both undergraduate and postgraduate graduands all the best in their future endeavors and look forward to celebrating their future successes.



Dr. Peter Mwangi addressing SEHSS students at a mentorship session.

Lifelong pursuit for education



Dr. Alice
Omariba,
PhD

As the Dean of the School of Education, Humanities, and Social Sciences (SEHSS), it is my distinct pleasure to extend my heartfelt congratulations to the graduating Class of 2024. Today marks a significant milestone in your academic journey, one that reflects your hard work, perseverance, and commitment to excellence.

SEHSS has made remarkable strides in our postgraduate offerings. We have introduced four new programs: a Doctor of Philosophy in Criminology and Security Studies, a Doctor of Philosophy in Education, a Master of Education, and a Master of Arts in Linguistics. The School is committed to nurturing critical thinkers, innovative leaders, and compassionate individuals who are well-equipped to make meaningful contributions to society.

To the graduating class, we note that you have embraced the values of integrity, inclusivity, and intellectual curiosity. These qualities will serve you well as you embark on your next chapter, whether it be in further studies, professional careers, or personal endeavors.

The accomplishments we celebrate today are not yours alone; they are a testament to the unwavering support of your families, friends, and our dedicated faculty and staff. As you leave the halls of Murang’a University of Technology, remember that learning is a lifelong journey. Continue to seek knowledge, challenge the status quo, and advocate for positive change in your communities.

The education and experiences you have gained here have equipped you with the tools to overcome challenges and seize opportunities in a rapidly evolving world. As alumni, you are now ambassadors of our institution, and we look forward to witnessing the incredible impact you will undoubtedly make.

Congratulations and may your future be as bright and promising as your aspirations. Remember, the pursuit of knowledge doesn’t end here. Keep pushing boundaries, stay curious, and make a difference wherever you go.

The future is yours to shape



Prof. Paul
Muoki
Nzioki, PhD

On behalf of the entire faculty and administrative staff at the School of Business and Economics (SBE), I congratulate all graduates. You have reached an incredible milestone in your academic journey, and we couldn't be prouder. Today is a celebration of your hard work, perseverance, and the beginning of an exciting new chapter filled with endless opportunities.

This day is not just special for you, but also for your families, friends, and all of us who have had the privilege of walking this journey with you. We have watched you grow, overcome challenges, and achieve so much. Now, as you step into the future, remember that Murang'a University of Technology (MUT) has equipped you with the tools to navigate and shape what is ahead.

Whether you are continuing your studies, starting a new career, or embarking on other thrilling paths, the knowledge, skills, and experiences you have gained at MUT will be your foundation. SBE offers a range of exciting and market-driven undergraduate and postgraduate programs, and we encourage you to consider furthering your studies with us. We are always here to support your pursuit of knowledge and growth.

Our qualified and experienced academic staff have prepared you well for the future. We also invite you to stay connected and support our community outreach endeavors through the various professional clubs run by our continuing students.

As you step out into the world as the Class of 2024, carry with you curiosity, resilience, compassion, and purpose. Remember, the future is not something that happens to you – it is something you shape. Go out there and make your mark!

Congratulations once again, and here is to a bright and successful future!



MUT staff and students mentoring high school students during the Career Day.



A section of staff during a public lecture.



Students speaking during an event at MUT.



Students speaking during an event at MUT.

Discover experiential learning at Mariira Campus



Prof.
Benson M.
Mwangi,
PhD



The Chancellor, Prof. Justin Irina, inspecting progress at Mariira Campus.

Nestled just 42 kilometers from Murang'a town, Mariira Campus for Agricultural and Environmental Sciences offers an ideal setting for experiential learning. The campus spans 50 acres of fertile loamy soil under a moderate climate, perfect for agricultural production.

Established by the Council and Management of Murang'a University of Technology in 2022, the campus began with 42 students and now offers diploma, undergraduate, master's, and PhD degrees in agricultural and environmental sciences. The inaugural group of 42 students, comprising 2nd and 3rd-year students in B.Sc. Agricultural Education and Extension (AGED) and B.Sc. Agribusiness and Enterprise Development (AMED), joined in August 2022. Since then, enrollment has grown to over 100 students and is expected to reach 180 by September 2024. We congratulate the 26 graduates from the 2022 class, including 13 AGED and 3 AMED students, on their achievements.

In addition to AGED and AMED, the campus offers a master's degree in Climate Smart Agriculture and a master's degree in Agroecology. A PhD in Agricultural Economics is also available. For those eager to deepen their knowledge, we offer short courses in Agroecology, developed in collaboration with key stakeholders such as the Murang'a County Government, the Institute of Culture and Ecology (ICE), and the Participatory Ecology Land Use Management (PELUM) Association.

Looking ahead, we are forging strong partnerships with industry leaders. We are finalizing an MOU with Bio Vision to become a center for healthy vegetable production and are keen to collaborate with Ikumbi Tea Factory to become a training hub for tea production technologies in Central Kenya.

Our new botanical garden serves as a sanctuary for indigenous tree species from the Mount Kenya region and



An agricultural demonstration farm at Mariira Campus.



A fish pond at Mariira Campus.

a hub for research in phytochemistry and herbal medicine. We are also enhancing our research capabilities by providing space for graduate students and researchers to conduct their projects.

Join us at Mariira Campus and become part of a vibrant community dedicated to excellence in Agroecology and Climate Smart Agriculture. We are grateful to our students for their dedication and look forward to welcoming new members to our growing family.



We are finalizing an MOU with Bio Vision to become a center for healthy vegetable production and are keen to collaborate with Ikumbi Tea Factory to become a training hub for tea production technologies in Central Kenya.

DEAN OF STUDENTS



MUT NEWS
Publication of the Office of the Vice Chancellor

MUT
MURANG'A UNIVERSITY OF TECHNOLOGY



Dean of Students, Dr. Jacob Asige, oversees the swearing in of Wilson Mwenda as MUTSO Finance Minister.

Commitment to student welfare



Dr. Jacob Asige
Chavulimu,
PhD

The Dean of Students and Students' Welfare offices are dedicated to ensuring the wellbeing of students both inside and outside the lecture halls. Our mission is to support students in every aspect of their university life, from governance and clubs to sports and counselling.

The Murang'a University of Technology Students Organization (MUTSO) is the heartbeat of student governance. With nine elected officials, the MUTSO Council represents students in all decision-making bodies at MUT. The students' body also advocates for their rights and welfare. Every registered student is eligible to vote and contest in the annual elections held in the second semester of each year. Elected officials are usually inducted into leadership in an elaborate ceremony.

Clubs and societies are vital for enhancing socialization and community participation. With over 28 registered clubs, students can extend their learning beyond the lecture rooms, gain spiritual nourishment, enjoy recreation, and develop leadership skills. Our Drama and Music Club proudly clinched the top position at the National Music Festival in 2024 with their outstanding performance of play dubbed 'NTSA'.

Games and sports are essential for recreation, physical fitness, and stress management. They also foster the right attitudes towards competition, teamwork, and leadership. We are proud to announce that the MUT Women's Rugby team were crowned National Champions in 2024.

The on-campus work-study program is a lifeline for needy students. The program provides financial aid by assigning students part-time work within the university. The money earned is offset against their tuition fees, ensuring that financial constraints do not hinder their academic



Students showcasing their dressing during the Cultural Week.

journey.

Our Guidance and Counselling services are geared towards ensuring that students and staff are psychologically healthy. We offer a variety of services and psychosocial support programs aimed at helping individuals resolve issues, cope with situations, attain self-empowerment, and reach their full potential. Each year, we train staff and students as peer counsellors and educators to extend our support network.

The office of the Dean of Students and its staff would like to extend heartfelt congratulations to the Class of 2024 on their graduation day. Your excellence and dedication since your first day at MUT have been truly inspiring. As you step into the next chapter of your lives, remember that you are well-equipped to make a positive impact in your communities and beyond.

From humble beginnings to Kenya's number two: Rigathi Gachagua inspires

Murang'a University of Technology had a day to remember on 21st March 2024 when His Excellency, Rigathi Gachagua, the Deputy President of Kenya, delivered an inaugural public lecture that left students and faculty alike buzzing with inspiration. A fairly unknown politician who had risen to become Kenya's number two, Gachagua's story is one of resilience, faith, and unparalleled focus – qualities he passionately shared with the eager audience.

Before 2017, Rigathi Gachagua was a relatively unknown figure in the Kenyan political landscape. After his elder brother, Nderitu Gachagua, passed away while serving as the governor of Nyeri County, Rigathi began to step into political limelight. As Nderitu's personal assistant, Rigathi wielded considerable influence, a role that many believe prepared him for his later political career. But it was his time as Mathira constituency MP that truly marked his entry into competitive politics.

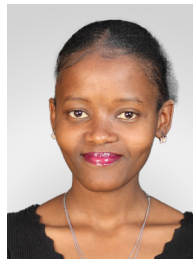
At the lecture that was delivered at the University graduation grounds, the Deputy President began with a statement that immediately captured the essence of his message. "I am convinced that the future relies on the young people. The future of this country is in our hands," said the DP. With these words, he set the stage for a discussion on leadership, what it means, how to achieve it, and why it matters now more than ever.

Gachagua emphasized that leadership begins with being God-fearing, a principle that has guided his own journey. "Those that you lead want a figure who carries with them the attributes of mercy, forgiveness, understanding, and empathy," he noted. He also highlighted the importance of respecting one's parents, a biblical principle that he believes shapes the way others view a leader's character.

Courage, according to Gachagua, is another non-negotiable trait for leaders. "Leadership is not for the faint-hearted but for men and women who defend and stand for what they believe in valiantly," he declared. Drawing from his own experiences and the challenges he's faced, he illustrated how fearlessness and resilience are essential in navigating the complex world of leadership.

The Deputy President also touched on the importance of consistency, urging students to stay true to their words and not be reckless with them. "Your words must have value," he stressed. The DP pointed out that integrity is the bedrock of leadership.

Focus was another key aspect of his lecture. Gachagua used President William Ruto's journey to the presidency as a case study in unwavering determination. "Whatever calling you choose whatever you decide to do in life, don't allow any-



By
**Immaculate
Kinyua**



Deputy President Rigathi Gachagua at MUT during his inaugural public lecture.

one to dissuade you," he advised. He encouraged MUT students to choose their career path and follow it with resolve.

In addition to these core values, Gachagua spoke about sacrifice as a fundamental aspect of leadership. He described leadership as both challenging and at times lonely but stressed that it requires a willingness to put others before oneself. "You must sacrifice many things dear to you to make time for serving others," he said, emphasizing that true leadership is about service.

Humility, according to Gachagua, is another vital ingredient in the leadership mix. "Once you have been given the opportunity to lead, you must exhibit a lot of humility," he told the students. He extolled servant leadership, where a leader is first among equals, a team player rather than a boss.

To inspire the students further, the Deputy President shared examples of great leaders who had achieved remarkable things at a young age. He cited President Mwai Kibaki, who became Kenya's Minister for Economic Planning and Finance at 31, and Professor Wangari Maathai, who was the first woman in East and Central Africa to earn a PhD at 30. His message was clear: youth is not a barrier to leadership; in fact, it's an advantage.

In a candid moment, Gachagua also spoke about his personal battle with alcohol, revealing how quitting drinking changed the course of his life. "Since I made the decision to quit drinking, my path has been rosy, and you can see where I stand today," he said, urging the youth to shun drugs and alcohol to protect their future.

Gachagua's lecture concluded with a touch of humor and humility. He expressed gratitude to the young people who coined the nickname "Riggy G," saying, "You've made life easier for me, and I appreciate it." He also emphasized the importance of honesty in leadership. "Say it as it is, and you will be respected," he advised.

For MUT students, this lecture was more than just an event, it was a masterclass in leadership from one of Kenya's most intriguing political figures. His story, filled with lessons of faith, focus, courage, and sacrifice, serves as a powerful reminder that anyone, regardless of their background, can rise to great heights with the right values and determination.

The writer is a fourth-year student pursuing a Bachelor's degree in Linguistics and Communication Studies.

United for a greener tomorrow

The Wildlife and Environmental Club at Murang'a University of Technology (WECMUT) has engaged the University community, local residents, businesses, and the County Government of Murang'a in a collaborative effort to foster a clean and sustainable environment. Living up to their motto, Tunajivinjari Kimazingira, the club members bring a lively and enjoyable atmosphere to their environmental initiatives.

Recently, the club participated in the clean-up of Murang'a Town. The event which was held in March 2024, was conducted in collaboration with the Murang'a County Government. The event aimed to raise awareness about waste management and environmental preservation. Participants were provided with gear, bins, gloves, and litter bags to aid in collecting litter throughout the town.

In 2023, WECMUT joined Murang'a County Government to



By
**Proscovia
Birabili**

celebrate the World Water Day celebration. The event was held in Kigumo Town and was attended by the political class. Guests included Murang'a County Governor Irungu Kang'ata, Women Representative Betty Maina, and MP Ndindi Nyoro. The theme of the event was, "Accelerating change to solve the global water and sanitation crisis." The day was marked by the launch of a newly community constructed borehole, funded by the county government.

Later that year, WECMUT was invited by Madam Gladys from the Murang'a County Government to participate in a tree-planting exercise at the Murang'a Water and Sanitation Company (MUWASCO) sewerage facility. The event was held on a public holiday focused on combating climate change through reforestation. WECMUT's patron, Dr. John Ndavula, joined in the tree planting exercise. WECMUT members have also led tree planting drives at Technology Primary School.

Founded in 2022 by Sharon Kendi, the club is driven by a passion for the environment and a commitment to combating climate change. Under the guidance of their patron, Dr. John Ndavula, they young nature enthusiasts planted trees in schools, cleaned up towns and created environmental awareness in the community.

"Since the launch of our club, we have managed to spread awareness to more than 1000 individuals via events we organize and our social media handles. We have also managed to plant over 500 trees in the school and the surrounding environment," says Sharon Kendi, the former club chair.

"We plan to create an online platform that encourages dialogue and collaborations whereby different environmentalists come together to share ideas on how to nurture and make our environment eco-friendlier," says Stephen Were, the Club's organizing secretary.

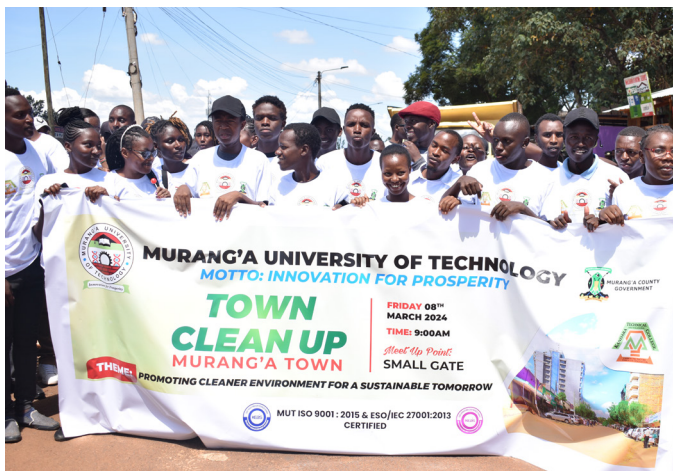
WECMUT invites new members to join the club at a registration fee of 100. Current membership of the club stands at

30. The club hopes to start an awareness campaign on endangered animals such as the southern black-fly catcher and the grey crowned crane in order to protect biodiversity.

The writer is the Chair of the Wildlife and Environmental Club.



Founded in 2022 by Sharon Kendi, the club is driven by a passion for the environment and a commitment to combating climate change.



Environmental club members participating in Murang'a Town clean up.



Left: Club members keeping the environment clean. Right: Sharon Kendi leading club members in a tree planting exercise at Murang'a Sewerage.



CLUBS AND SOCIETIES



MUTPECC members conducting a campaign on mental health on campus.

Leadership Lessons from MUTPECC



By Ian Gitonga

The Murang'a University of Technology Peer Educators and Counsellors Club (MUTPECC) is dedicated to equipping students with the tools to make a meaningful impact on their peers and the community. Operating under the Office of Guidance and Counselling, MUTPECC currently boasts a membership of 200 students.

Each year, members receive training in skills such as active listening, crisis intervention, and mental health support. This training equips them to handle a range of challenges faced by their peers. Beyond training, the club offers leadership opportunities within the organization. Members take on roles such as peer mentors, event coordinators, and advocacy ambassadors, fostering a sense of responsibility and accountability.

Notable university-wide leaders who were members of MUTPECC include Martha Nkatha, a former vice president who later joined the Department of Social Sciences, and Steven Nduza, the 2021 MUT president. Trevor Duna, a former Sports and Entertainment Minister, was also a member of MUTPECC.

MUTPECC members have emerged as innovative leaders, with many founding their own community-based organizations. Rhoda Mwangela founded the Let's Talk with Boss Baby Mental Health Organization, Robert Litto established the Litto Foundation, and Brian Mbaruk created the Gents Talk Mental Health Organization. These initiatives have significantly impacted the university community and beyond.

In an era where mental health issues are increasingly prevalent, MUTPECC's role as peer educators and coun-



MUTPECC members during their annual walk on campus.



Notable university-wide leaders who were members of MUTPECC include Martha Nkatha, a former vice president who later joined the Department of Social Sciences, and Steven Nduza, the 2021 MUT president.

sellors is more critical than ever. Through their efforts, members are paving the way for a more inclusive and supportive future for all.

The writer is the Chair of the Peer Educators and Counsellors Club

MUT AT A GLANCE



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The Kenya Police Band leading the graduation procession.



Cornell University Professors share a photo moment with MUT faculty.



Vice Chancellor, Dickson Nyariki participates in a tree planting exercise in Karua Hills.



MUT Rugby team receives a trophy.



Dr. Grace Mwangi participates in tree planting.



Students walking out of the Tuition Block after a class.

MUT AT A GLANCE



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2023 graduands celebrate their graduation.



Mr & Ms CU share a moment during the African Masquerade event.



Students performing during the drama festival.



Postgraduate seminar attendees.



MUTSO leaders with winners of various awards

CLUBS AND SOCIETIES



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MUT French club members pose for a photo with Chris Mburu (center) who is the founder of Mitahato French Village,



Bonjour from the MUT French Club



By Joy Jewel

The French Club, the newest addition to MUT's vibrant campus community, is making a significant impact in its inaugural year. With a focus on immersing students in the French language, the club has engaged in a variety of activities, including dance, song, and games. Given that French is spoken by over 300 million people worldwide, it offers numerous opportunities for employment and further studies in French-speaking countries. Under the leadership of patron Dr. Gitonga Ndung'u, the French Club has achieved notable success this year.

The club has been instrumental in providing students with opportunities to practice French outside the classroom, enhancing their confidence and academic performance. It has also fostered a collaborative environment where students of all proficiency levels can improve their skills together. Reflecting the adage, "As iron sharpens iron, so do friends sharpen one another," the club supports mutual growth and learning.

Recently, club members participated in a major French festival and singing competition in Mitahato, Kiambu, where Collins Bulimu received awards. Club members networked with representatives from the French Embassy in Kenya, the Francophone Association of Kenya, and Alliance Française. They also interacted with students from other French clubs, including those from USIU Africa, Jomo Kenyatta University of Agriculture and Technology, and The Technical University of Kenya.

The French Club is proud of its accomplishments in its first year and invites all MUT students with an interest in the French language and culture to join.



Club members networked with representatives from the French Embassy in Kenya, the Francophone Association of Kenya, and Alliance Française.



By Nicholas Kyalo

Murang'a University of Technology Catholic Action (MUTCA) plays an important role in providing spiritual guidance to students. With a membership of approximately 2,000 students, MUTCA is dedicated to the spiritual and social well-being of the university community. The society thrives under the leadership of Mr. Lawrence Nganga, the patron, and Nicholas Kyalo, the chair.

MUTCA's daily activities reflect its commitment to nurturing the spiritual welfare of its members. Every morning and evening, students

gather on campus for prayers. They also have regular outreach programs, such as visits to children's homes and elderly care centres. In March 2024, MUTCA members visited Murang'a Prison to bring hope to the inmates.

In addition to outreach, MUTCA organizes spiritual trips to various shrines and prayer houses across the country. These pilgrimages offer members a chance to reflect, deepen their faith, and nourish their souls. Last December, members visited the Subukia National Shrine, and this March, they spent time at the Resurrection Garden in Karen and the Museve Vincentian Prayer House in Lavington. "These trips are more than just a journey. They are a time to connect with our faith and with each other on a deeper level," says a MUTCA member.

Each September, as new students join the university, MUTCA conducts a recruitment exercise. New members are invited to a Holy Mass and then to a welcoming party

Catholic Action: Aiming for holistic development

to familiarize them with MUTCA's activities. "We want every member to feel like they are part of a family from the very start," shares Chairperson Nicholas Kyalo.

MUTCA also hosts games and talent shows each semester. These events provide a platform for students to showcase their abilities, build self-confidence, and express themselves in a supportive environment.

Moreover, MUTCA prioritizes the well-being of its members by addressing practical and emotional needs. The organization supports students facing hunger, assists families during times of loss, and pairs members with prayer partners to ensure their spiritual needs are met. It also hosts conversations around mental health and healthy relationships.

Every February, members volunteer to clean the grounds of the Sacred Heart of Jesus Cathedral. They also train music at Murang'a High School's Young Christian Students (YCS).

MUTCA continues to nurture the holistic development of students at Murang'a University of Technology, ensuring they are well-rounded individuals ready to contribute positively to society.



MUTCA presenting their donations to Murang'a GK Prison.

Partnerships that make a difference

The Directorate of Linkages, Outreach, and Partnerships plays a crucial role in fostering collaborations that enhance our visibility and impact both locally and internationally. Over the past year, the Directorate has been actively engaged in various activities that underscore our commitment to strengthening partnerships and expanding outreach.

We showcased the University at the ASK Central Kenya National Show in September 2023. Our stand was voted the 2nd Best University Stand. We also participated in the Kenyatta ATC Stakeholders' Farmer's Day in October 2023. In this event, we trained farmers on climate-smart agricultural practices and seizing marketing opportunities.

The University is committed to environmental sustainability. In November 2023, MUT partnered with the Kenya Forest Service for a significant tree-planting event at Karua Forest. This initiative involved planting 5,000 seedlings. It aligned with the presidential directive to plant 30 trees per employee.

In March 2024, MUT continued its commitment by collaborating with the Office of the Dean of Students and the MUT Student Organization (MUTSO). Together, they organized a town cleaning exercise in Murang'a and Mukuyu Market. This event was supported by the Murang'a County Government and Kandara Technical and Vocational College.

MUT celebrated World Water Day by donating 500 avocado tree seedlings to Murang'a community members. We also conducted a community tree planting event at Mukerenju Dispensary grounds. In May 2024, we organized another tree planting event at Karua Hills, planting 10,000 seedlings in collaboration with Kiambicho Forest Station and Karua Hills Community Forest Association.

We collaborated with other universities as well. In May 2024, we participated in the 3rd IAESTE Annual Conference at Karatina University and hosted exchange students from Tunisia. In June 2024, we represented MUT at the 4th Biennial Conference on Universities Research and Innovation, where our innovations were recognized. We also participated in the National Celebrations of the 2024 Africa Public Service Day,



Dr. Grace
Mwangi,
PhD



In May 2024, we participated in the 3rd IAESTE Annual Conference at Karatina University and hosted exchange students from Tunisia.

showcasing our programs and innovations.

Additionally, we collaborated with the School of Hospitality and Tourism Management to provide training on Value Addition and Food and Nutrition Security to 30 youths and women from the local community. We also worked with the School of Business and Economics to offer training on National Cohesion and Principles of Governance to youths from various churches.

The Directorate extends heartfelt congratulations to the Class of 2024. Your achievements mark the beginning of a new journey filled with opportunities. We look forward to hearing about your future successes and encourage you to stay connected through our Graduate Tracer Studies. We will continue to support and celebrate your accomplishments.



DVC, ARSA, Prof. Tuitoek, presents a gift to a representative from the University of Rijeka.

Research and innovation at MUT



DVC, ARSA, Prof. Tuitoek, with participants who attended a regional workshop on research, networking and proposal writing.



DVC, ARSA, Prof. Tuitoek, speaking at a research conference held at MUT.



Dr. Peter
Waithaka,
PhD

As we gather to celebrate the achievements of the graduating class, the Directorate of Research Innovation and Consultancy is proud to highlight the remarkable contributions and advancements made at MUT in the field of research. Faculty and students have been at the forefront of innovation, undertaking projects that address real-world challenges. This year, we witnessed innovations in areas such as sustainable agriculture, renewable energy, and construction technology. These projects not only showcase the ingenuity of

our MUT community but also contribute to the betterment of society.

The University participated in the 4th Biennial Conference organized by the Commission for University Education (CUE) from June 12th to 14th, 2024. The event provided a platform for showcasing the research prowess and innovative capabilities of universities across the country. MUT exhibited four projects focusing on sustainable agriculture, renewable energy, and construction technology. The University was ranked at position two overall.

MUT also participated in the Africa Public Service Week on June 22nd and 23rd, 2024 and exhibited a number of innovations. The event highlighted the diverse research interests and expertise of faculty and students, further cementing MUT's reputation as a hub of innovation and excellence.

The University also played host to the East African Regional Workshop on Research Networking and Proposal Writing from April 29th to May 3rd, 2024. The workshop was sponsored by the BELMONT Forum, UNESCO Malay-

sia, and the National Research Fund-Kenya. Participants were drawn from over thirty-five universities, forming a research-working group to share grant call information, formulate interdisciplinary research teams, and search for research partners.

MUT hosted the 2nd Biennial Conference took place in November 2023, under the theme "Harnessing Science, Technology, and Innovation for Economic Transformation." The event was graced by Dr. Beatrice Muganda Inyangala, the Principal Secretary in the State Department for Higher Education and Research, Ministry of Education. This event was a significant gathering for academics, researchers, and professionals, featuring keynote addresses, paper presentations, and panel discussions on various topics.

Participants shared their latest research findings, innovations, and ideas, fostering collaboration and networking opportunities within the academic community. The conference attracted participants drawn from local and international institutions, contributing to the university's mission of advancing knowledge and fostering innovation. Additionally, the university held its first innovation week in November 2023, providing a platform to disseminate innovations from various innovators.

MUT also publishes the Journal of Innovation, Technology, and Sustainability. The academic journal focuses on research and development. The journal publishes peer-reviewed articles, research papers, and case studies that explore new ideas, technological advancements, and sustainable practices.

As we celebrate the success of our graduates, we remain committed to advancing research excellence at Murang'a University of Technology. The Directorate will continue to support and inspire our community to push the boundaries of knowledge and innovation. Together, we are shaping a brighter future through innovation and discovery.



Prof.
Geoffrey
Muchiri,
PhD

At the Directorate of Postgraduate Studies, we handle all matters related to postgraduate admissions, proposal approvals, supervision, and thesis examination. Our collaboration with various Schools within Murang'a University of Technology (MUT) ensures that our postgraduate students receive quality service throughout their academic journey.

The Directorate conducts workshops and customer satisfaction surveys for both supervisors and students. The data gathered ensures there is continuous improvement. Indeed, the number of master's and PhD graduates has steadily increased over the years, with the class of 2024 being the largest so far. This achievement is also a result of the concerted efforts of students, supervisors, and the University Management.

We believe that the class of 2024 is fully equipped with hands-on skills to tackle the many challenges facing our society. We urge graduands to go forth with what they have learned and serve as our ambassadors, both locally and internationally.

For those graduating with a bachelor's degree and aspiring to further their education, we invite you to apply for a master's degree in your field of specialization. Similarly, those graduating with a master's degree and looking to sharpen their research skills are encouraged to apply for a PhD. Application forms are available on the University Website or from the Office of the Registrar (Academics, Research and Student Affairs). Graduates may also visit the Directorate of Postgraduate Studies for further consultations.

On behalf of the Directorate of Postgraduate Studies at MUT, I extend my heartfelt congratulations to all students who successfully earned a qualification during the 2023-2024 Academic Year. Special commendation goes to our postgraduate students who earned their master's and PhD degrees after a rigorous but rewarding process. Your hard work and dedication are truly commendable.

The education and experiences you have gained here have equipped you with the tools to overcome challenges and seize opportunities in a rapidly evolving world. As alumni, you are now ambassadors of our institution, and we look forward to witnessing the incredible impact you will undoubtedly make.

Seizing postgraduate opportunities



Postgraduate students interacting at a session.



We believe that the Class of 2024 is fully equipped with hands-on skills to tackle the many challenges facing our society.



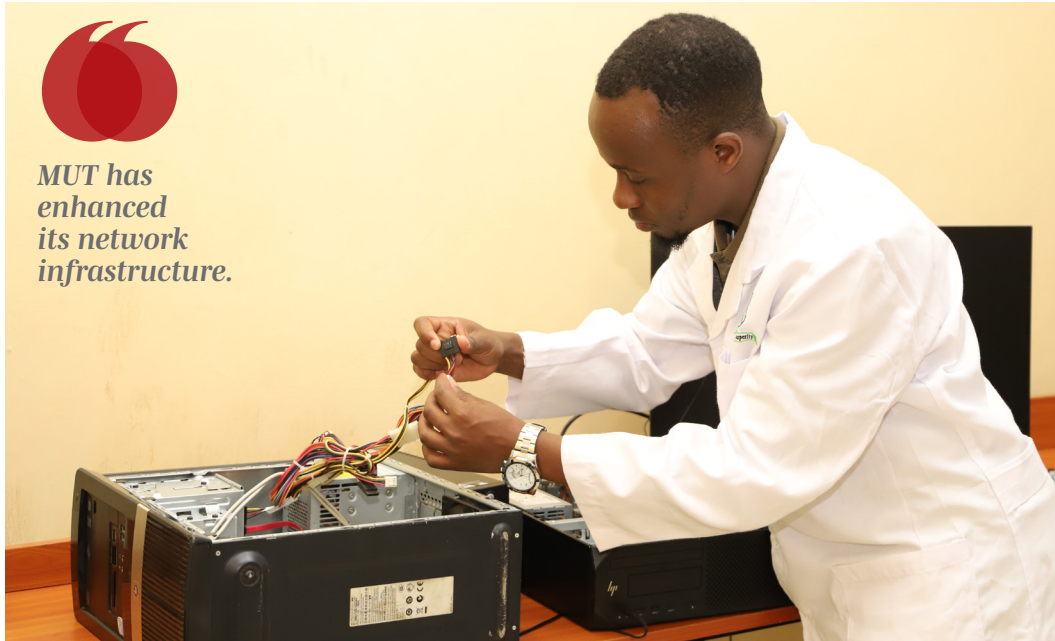
A training session on postgraduate supervision.



Wilson
Kariuki



*MUT has
enhanced
its network
infrastructure.*



Kelvin Mutunga, an ICT staff, servicing a computer.

Celebrating ICT milestones

Murang'a University of Technology (MUT) has steadily grown into a leader in innovation and technology within Kenya's higher education sector. Recently ranked 12th in the country on the Webometrics scale, MUT is demonstrating its strength in ICT integration and establishing a strong presence regionally and globally. This recognition highlights the university's dedication to quality and its mission to be the institution of choice for students in the region.

In the past year, MUT has enhanced its network infrastructure. Internet speeds of 1GB per second (Gbps) have been achieved, ensuring seamless connectivity for students and staff. The addition of multiple Wi-Fi access points across campus has facilitated enhanced internet access, supported by advanced roaming protocols. In addition, a modular video conferencing solution with AI capabilities has revolutionized virtual communication, underscoring the University's dedication to cutting-edge technology adoption.

Security measures received a significant boost with the installation of high-resolution CCTV systems leveraging deep learning algorithms for precise human and vehicle classification. The introduction of secure EDUROAM access has fortified the university's digital environment, complemented by biometric facial recognition systems and a robust cybersecurity strategy featuring advanced firewalls and intrusion detection systems (NIDS and HIDS).



An ICT staff at his workstation.

With a mission to maintaining the highest levels of information security, our Directorate has played a crucial role in ensuring continuous certification in Information Security Management Systems (ISMS) (ISO 27001). By adhering to the stringent controls specified in the ISMS standard, we ensure that our university's information remains secure.

As we look ahead, the Directorate of ICT remains dedicated to adapting and enhancing our infrastructure to meet the evolving needs of our community. We extend our heartfelt congratulations to the Class of 2024 on their graduation and eagerly anticipate even greater achievements in the future.

Reflecting on the excellence of graduates



Dr. Grace
Njogu, PhD

On behalf of the Directorate of Quality Assurance and Performance Management, I extend heartfelt congratulations to the graduating class of 2024. Your achievement reflects your hard work, dedication, and resilience in your academic journey.

At the Murang'a University of Technology (MUT), our commitment to upholding the highest standards of academic excellence is at the core of our mission. The directorate plays a crucial role in ensuring that students receive a rigorous and relevant education. Through continuous quality assurance initiatives, we work to maintain and enhance the educational standards that prepare our student to excel in their chosen fields. Students' feedback and active engagement in our quality assurance processes have been invaluable. It is through this collaborative effort that we ensure the academic programs at MUT meet the diverse needs of our student body and stay aligned with industry standards.

As you transition from students to professionals, we are confident that the education and training you have received will enable you to navigate the challenges and seize the opportunities of today's dynamic world. We encourage you to carry forward the spirit of excellence and lifelong learning that defines MUT.

We take immense pride in your achievements and remain committed to supporting you beyond graduation. We look forward to hearing about your future endeavors and successes. Please stay connected with us and participate in our Graduate Tracer Studies to share your journey. Congratulations once again, and best wishes for a bright and prosperous future



Through continuous quality assurance initiatives, we work to maintain and enhance the educational standards that prepare our student to excel in their chosen fields.



Directorate staff reviewing quality documents.



Left: Staff during a training on ODeL.
Right: ODeL training session at MUT.

Advancing education through ODeL

The Open, Distance, and eLearning (ODeL) Directorate is proud to showcase the significant achievements and developments of the past year. The Director is committed to delivering high-quality and accessible education. The Commission for University Education (CUE) visited the ODeL Centre in 2023, for the purpose of accreditation. The visit underscores the University's dedication to maintaining high standards in blended, open, and distance education.

The Directorate actively engaged in the DIES-NMT workshops held in Nairobi and Kisumu. These workshops focused on collaborative online international learning and internationalization, providing a valuable platform for sharing best practices and fostering collaboration with institutions globally. Insights gained from these engagements will play a pivotal role in advancing our internationalization goals and strengthening our capacity to deliver exceptional online education.

The Directorate organised a virtual exchange dialogue involving participants from prominent universities such as the University of Kigali, Masinde Muliro University of Science and Technology, Université de Assumptions au Congo, Hertfordshire University, and Kenyatta University. This dialogue centered on upholding academic integrity in the era of artificial intelligence, facilitating robust discussions on strategies to maintain academic honesty amidst technological advancements.

The University recruited additional staff who played a crucial role in conducting capacity-building sessions for our faculty. These sessions focused on maximizing the utilization of tools within our Learning Management System (LMS), empowered our staff to deliver high-quality

online instruction, engage students effectively, foster active learning, and provide personalized support, thereby enriching the overall online learning experience.

There were significant upgrades made to our LMS, incorporating the latest features and tools to ensure a more efficient and user-friendly platform for both students and faculty. This enhanced platform promotes interactivity, facilitates progress tracking, and ensures equity in online education. The University ODeL computer lab and multimedia recording studio were also equipped with state-of-the-art technology, further enhancing the virtual learning experience by providing students with access to top-notch resources and tools.

The university will be launching new undergraduate and postgraduate programs in September 2024, to be delivered through blended and online modes. These programs have been meticulously designed to meet the evolving demands of the modern workforce, equipping our students with the skills and knowledge necessary for success in their chosen fields. This launch represents a significant milestone in our ongoing efforts to expand our academic offerings and make education more accessible to a broader audience.

To the graduating class of 2024, congratulations on your well-deserved achievement. Your dedication and perseverance in navigating a blended learning environment have brought you to this momentous occasion. As you embark on your post-university journey, carry forward the knowledge and skills you have acquired here. Remember, you have the power to positively impact lives and shape the future. The horizon is bright, and you are the architects of that future.



Dr. Gabriel
Kamau, PhD

Celebration of TVET institute graduates



Dr. Elly
Tetty
Osewe, PhD

This year marks the second graduation ceremony since the Murang'a University of Technology (MUT) introduced the Technical and Vocational Education and Training Curriculum Development, Assessment and Certification Council (TVET CDACC) programmes for students pursuing Diploma and Certificate qualifications.

I am immensely proud of each of our graduates. Your journey has been marked by resilience, determination, and a steadfast commitment to excel-

lence. You have confronted challenges with courage, embraced learning with an open mind, and pursued your goals with unwavering focus. As we honour your achievements, we eagerly anticipate the impact you will make in your chosen fields.

MUT TVET Institute's mission includes nurturing students into responsible, ethical, and compassionate individuals who will positively contribute to society. This graduation ceremony reflects the collective efforts of our devoted faculty and supportive families.

As you move forward, remember that learning is a lifelong journey. The skills you have acquired, the relationships you have built, and the experiences you have gained here will serve as a strong foundation for your future endeavours. Continue to seek knowledge, embrace new challenges, and strive for excellence.

Be bold in your aspirations, compassionate in your actions, and steadfast in your commitment to making a difference. In the words of Abraham Lincoln, "The best way to predict the future is to create it." You have the power to shape your destiny, lead with integrity, and inspire those around you. Carry with you the spirit of MUT TVET Institute – the spirit of innovation, resilience, and excellence.

To our graduates, I extend my heartfelt congratulations. To the families and friends who have supported them, I offer my deepest gratitude. The MUT faculty and staff, I express my sincere appreciation for your dedication and commitment to nurturing the minds and talents of our students. May this graduation be the first of many milestones in your journey of success and fulfilment. Go forth with confidence, knowing that you are equipped to make a lasting impact in the world.

Excellence in performance contracting and management systems



Dr. Stephen
K. Wanjau,
PhD

The Directorate of Performance Contracting and ISO is proud to highlight the significant achievements of the University in Performance Contracting (PC) and Management Systems. Our focus on excellence, continuous improvement, and robust management systems has reinforced our leadership in higher education in Kenya.

Performance contracting has been central to strategic direction at Murang'a University of Technology (MUT). We are pleased to report a substantial improvement in our composite score from the previous year, reflecting the collective efforts of our staff in aligning their work with the University's strategic goals. Rigorous performance monitoring has helped us optimize resource allocation and enhance efficiency.

MUT's commitment to the highest standards of quality and security is demonstrated by the successful recertification of the Quality Management System (QMS) to ISO 9001:2015. This achievement highlights the University's dedication to client satisfaction and continuous improvement.

The University's proactive approach to data protection is showcased by the successful surveillance audit of the Information Security Management System (ISMS), certified to ISO 27001:2013. This audit confirms MUT's dedication to safeguarding data and privacy through robust security measures. These accomplishments have enhanced decision-making processes, improved resource allocation, and increased focus on customer satisfaction.

The audits contribute to a more efficient, transparent, and accountable institution, ready to meet the evolving needs of our students and community. As MUT gears up for the future, these achievements lay a strong foundation for continued growth and innovation, underscoring its commitment to academic excellence and operational efficiency.

I extend my sincere gratitude to the entire MUT community for their support and contributions. To the graduating Class of 2024, congratulations on your remarkable achievements. You have played a vital role in our success, reflecting the quality of education and environment at MUT. As you embark on your future endeavours, may you uphold the values of excellence that define our University.



*MUT's
commitment
to the highest
standards of
quality and
security is
demonstrated
by the
successful
recertification
of the Quality
Management
System
(QMS) to ISO
9001:2015*

**DIRECTORATE
OF RESOURCE
MOBILISATION**

Mobilizing resources for sustainability

As we celebrate the achievements of the 2024 graduates, it is also an opportune moment to reflect on the significant strides made by the Directorate of Resource Mobilization in supporting the University's mission. Our role in resource mobilization is crucial to the university's operations. Through the Murang'a University of Technology Enterprise Services (MUTES), we manage three key workshops: textile, woodwork, and welding. These workshops play a vital role in producing essential items for the University, including graduation gowns and lecture seats, among other necessities.



Dr. Andrew Makori, PhD

MUTES has been instrumental in raising funds through various support events, contributing to the financial sustainability of the university. In the past quarter, the Directorate has focused on developing and commercializ-

ing over 20 short courses, with plans to bring these courses to the market soon. The Directorate has also been actively involved in proposal writing to attract additional funds, further enhancing our resource base and supporting the university's growth.

The Directorate operates the staff cafeteria on behalf of the Murang'a University of Technology Alumni Association (MUTAA), which not only provides valuable services to our staff but also contributes to their overall efficiency and well-being.

As we commemorate this milestone, we extend our congratulations to the graduates. Your achievements are a testament to your hard work and dedication. The efforts of the Directorate of Resource Mobilization have been integral in creating an environment where such success is possible. We are proud of the role we play in supporting your journey and look forward to seeing how you will contribute to the future of our society. We wish you success in your future endeavours and are confident that the skills and knowledge you have gained will serve you well in the challenges ahead.

**DIRECTORATE OF
CATERING AND
ACCOMMODATION
SERVICES**

The Directorate of Catering and Accommodation Services (DCAS) congratulates the Class of 2024. Despite the challenges posed by the pandemic and the compressed semesters, you've successfully navigated your journey at Murang'a University of Technology (MUT).

DCAS plays a crucial role in ensuring that both students and staff have a comfortable, supportive, and home-like environment throughout their time on campus. By providing quality meals and accommodation, DCAS helps the university community achieve both institutional and personal goals.

The Catering Department is dedicated to serving nutritious and balanced meals to both students and staff. Operating from as early as 6:30 AM until 8:00 PM for students and 9:00 AM for staff, we ensure that everyone is well-nourished and energized for their daily activities. Whether it's a casual meal, a meeting, or a special event hosted by the University, the Department prides itself on delivering on quality.



Eusabia Ondieki

Ensuring comfort and well-being at MUT



A section of hospitality students at an event.

MUT offers modern and well-maintained halls of residence for both male and female students, ensuring that their stay is comfortable, safe, and conducive to academic success. These residences are kept clean and orderly throughout the semester, creating a welcoming environment that feels like a home away from home. Special consideration is given to students with special needs, who are prioritized in room allocation and provided with the necessary infrastructure and support.

For students who are not accommodated on campus, the university recommends off-campus hostels that have been carefully vetted by the University Off-Campus Accommodation Committee. These residences meet specific criteria to ensure they are safe and suitable for students, allowing them to focus on their studies without concerns about their living conditions.



Dr. Tabitha
Karanja,
PhD

A path to gender equity and inclusivity

Murang'a University of Technology (MUT) is committed to advancing gender equity as a catalyst for improved efficiency, accountability, transparency, and governance. At the forefront of this transformative movement is the Directorate of Gender and Development Studies (DGDS), which spearheads initiatives to foster gender equity and inclusivity. Through affirmative action in recruitment, promotions, and appointments, MUT ensures that gender equality principles are embedded at all levels and departments within the institution.

The University actively observes global gender events such as Day of the GirlChild, Women's Day, and Father's Day as platforms to engage the community in discussions on pertinent gender-related issues. The Directorate has established a Toll-free number to facilitate the reporting of cases related to sexual harassment and gender-based violence. Students undergo training to serve as ambassadors, disseminating gender policies and addressing gender-related challenges among their peers effectively. The Directorate underscores its commitment to income-generating projects and funding that prioritize gender representation.



The University actively observes global gender events such as Day of the GirlChild, Women's Day, and Father's Day as platforms to engage the community in discussions on pertinent gender-related issues.

The University has also introduced short courses recognized for their international marketability, catering to diverse educational needs and enhancing global competitiveness. The Directorate is proactive in formulating policies that guide training and research in thematic areas such as Gender and Development, Human Rights and Sexuality, Gender-Based Violence, and Gender in Politics and Poverty Reduction. These initiatives not only enrich academic discourse but also empower students and staff to contribute meaningfully to societal transformation.

As part of its broader social initiatives, the Directorate plans to organize an inclusive forum for students and staff to engage in dialogue and propose solutions to issues affecting both genders within and outside campus. Such events strengthen relationships and foster a supportive community environment.

DGDS remains steadfast in its mission to create an inclusive and equitable environment. By preparing students and staff to thrive in a diverse and evolving global landscape, the University continues to lead by example in promoting gender equity and societal progress.



MUT celebrates the International Women's Day by distributing aprons to women in Murang'a and Kenol market.



Taking access to information to the next level



Murang'a University of Technology's library has undergone significant technical advancements and innovations aimed at improving service delivery. There has been an expansion of the MYLOFT off-campus access subscription and ongoing training initiatives for the research community. This expansion has transformed access to information, enabling users to seamlessly explore a vast array of resources, including e-books, academic journals, and multimedia content, from anywhere and at any time.

The University library also renewed its Turnitin plagiarism checker license, now enhanced with AI detection capabilities, to ensure the creation of original work and maintain high standards of authenticity in academic submissions. The library is enhancing internet connectivity across its campuses with the acquisition of new distribution switches.

Technological upgrades to the KOHA Library Management System have streamlined operations, improving cataloging, circulation, and acquisition processes. These enhancements not only boost efficiency but also provide valuable data analytics for informed decision-making in resource allocation and collection development. Further, the library has adopted assistive technologies, such as VVDA software with screen readers and voice-to-text functions, making educational resources accessible to visually impaired students.



A user at MUT library.



**Benjamin
Butuk**

New signage throughout the library to enhance user experience, ensuring efficient navigation through the expanded and meticulously curated collection.

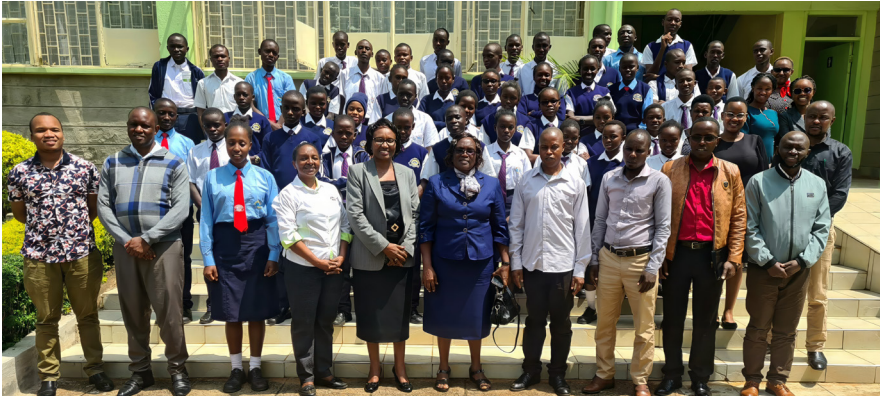
The University library's involvement in designing an information literacy program underscores its commitment to equipping students with essential skills to navigate and utilize information effectively. Active participation in academic program reviews and continuous collection updates further solidify the library's role as a dynamic center of academic excellence. The postgraduate section continues to cater to the specific needs of advanced scholars with dedicated study areas, Wi-Fi connectivity, and comprehensive thesis collections. As the custodian of Turnitin Similarity Checks, the library collaborates closely with academic departments to uphold rigorous standards in research and publication integrity.

Professional development initiatives, including participation in international conferences and cybersecurity training, equip library staff to maintain data security and deliver cutting-edge digital services effectively. For instance, library staff attended the 4th KLISC Biennial International Conference in 2024. The biennial event brings together influential figures in the library and information science field.

The Mariira campus library stands as a testament to the university's rich history and commitment to agricultural education and innovation. It continues to evolve, providing essential resources that support both current research and future agricultural practices.

These achievements are made possible through the steadfast support of MUT management, which ensures resources, technology access, and ongoing professional development for library staff. Collaboration with academic departments further enriches the educational experience by aligning resources with program requirements.

As we congratulate the Class of 2024 on their graduation, the library celebrates your academic accomplishments and looks forward to your continued success in the future.



High School students share a photo moment after a mentorship forum.



Christine, Ruth and Everline from SBE mentoring high school students during Career Day.



Dr. Ruth Mwendu speaking to high school students during a mentorship session.

Career: A lifelong journey



Dr. Caroline
Igoki, PhD

The Office of Career Services at Murang'a University of Technology (MUT) recognizes the importance of supporting students throughout their career journey by providing access to career counseling, mentorship, and information. We assist students in making informed decisions by engaging them in various activities such as course selection guidance after the release of Form Four results.

We welcome and mentor first-year students during their orientation, helping them settle into university life and focus on their chosen courses. Throughout their academic journey, we continue to mentor students, addressing any challenges and nurturing their innovation and creativity. We also welcome high school visits to our university, offering them a glimpse into our programs and campus life.

As we celebrate the achievements of the 2024 graduates, we acknowledge their dedication to participating in career mentorship activities designed to prepare them for the transition to the professional world. We extend our gratitude to the industries and organizations that have mentored our students, including the Kenya Engineering Technologist Registration Board (KETRIB), the Teachers Service Commission (TSC), and the Institute of Culture and Ecology.

Other organizations that we have collaborated with include ABSA Bank, Tamarind Hotel and Jubilee Insurance. We have also worked with local authorities in Murang'a County. Their support has been invaluable, and we invite more stakeholders to join us in various capacities, whether through partnerships, visits, or participation in our events.

Throughout 2024, MUT engaged in extensive career mentorship initiatives, visiting high schools across various counties. We conducted mentorship sessions in Machakos High School (Machakos County), Chania High School (Kiambu County),

A
mentorship
event at
MUT



and St. Anuarite Gatanga (Murang'a County). The visits provided students with access to career information and insights into the courses offered at our university.

In March 2024, MUT hosted a career day that attracted high school students from across Kenya. Schools such as Kariguini Secondary School, St. Paul Gikuu Boys, St. Teresa Secondary, Njumbi High School, St. Benedict, Kimanza Secondary, Kirogo Boys, Geta Secondary School, Bishop Gatimu Kinyoa Girls, and Gitugi Mixed Secondary attended the event. The students benefited from program information and a comprehensive tour of the university.

At the university level, we provided career mentorship for final-year students across various schools within the university. Recently, we hosted visits from Kiambere Achievers Club and Chomo Secondary School, further strengthening our community engagement. We also offered free online course selection guidance to ex-candidates and mentored first-year students in their course choices. Additionally, we conducted training for staff and students in career mentorship to enhance our capacity-building efforts.

We welcome you to join our efforts in preparing students to innovate and succeed in today's dynamic job market. Whether you're looking to collaborate, mentor, or find a university that supports your career aspirations, MUT is where careers are nurtured and aligned with current industry trends.

Congratulations to the Class of 2024



Dr. Kennedy
Ogilla, PhD

On behalf of the Directorate for Undergraduate Studies and Industrial Attachment, I extend my heartfelt congratulations to the graduating Class of 2024. I also offer warm greetings to your parents and families, who are celebrating this milestone with you and will continue to support you in your future endeavours. Despite facing numerous challenges, you have surpassed our expectations and demonstrated exceptional resilience. You should be incredibly proud of your achievements, as we are of you.

Industrial attachment is a crucial component of our training program, designed to prepare you for real-world tasks upon completion of your studies. At MUT, our aim is to produce graduates with practical skills that meet industry demands. Industrial attachment not only bridges the gap between academic learning and practical application but also fosters connections with various partners and potential employers. This experience is invaluable for both students and academic staff, offering insights

that can inform curriculum development and improvement.

Students undertake industrial attachment after completing 75% of their coursework. During this period, the University provides insurance coverage that includes medical expenses and accidental dental injuries, among other benefits. You are required to maintain log books to document daily activities and new knowledge gained during the attachment. All university policies and procedures remain applicable throughout this period.

Once again, congratulations to the Class of 2024 on your successful completion of your studies. I hope you will apply your education, creativity, and talents to bring abundance and joy into the world.



Industrial attachment is a crucial component of our training program, designed to prepare you for real-world tasks upon completion of your studies.



James Mbugua, a Journalism student, cohosting a radio show at Radio Maria in Murang'a during his attachment.

Balancing academics and internship at KTN News

Faith Ndanu, a humble and disciplined third-year student at Murang'a University of Technology (MUT), has demonstrated remarkable dedication and hard work in journalism. Always ready to help others, Faith has successfully balanced her studies with industry experience, proving herself as a budding journalist.

Faith's journey took a significant turn during the second semester of her third year when she secured an internship with Standard Media Group. She joined the media house in January 2024, marking the beginning of an important phase in her journalism career. As a news producer at KTN News, Faith has been immersed in a dynamic and fast-paced media environment, providing her with invaluable learning experiences.



Faith Ndanu.



Faith Ndanu operates an ENG camera at KTN studio.

Faith's attachment experience has taught her valuable skills, including effective communication, cooperation, time management, and delivering quality work under pressure. She admits that ensuring error-free broadcasts is quite challenging. "There were moments when things didn't go as planned, but those instances taught me resilience and the importance of quick problem-solving," Faith reflects.

Laying the foundation

Faith's journey in journalism began with practical experiences at Murang'a University's TV and radio studios. These opportunities provided her with first hand exposure to broadcasting, from operating equipment to coordinating live productions. Assisting fellow students in navigating the studios reinforced her learning and fostered a sense of camaraderie within the journalism community. "The hands-on experience at the university's studios was instrumental in building my confidence and technical skills," Faith explains.

Additionally, Faith had the privilege of collaborating with professionals from the Kenya Literature Bureau (KLB), who recognized her potential and offered her a role in their recordings. Working alongside industry experts allowed her to apply theoretical knowledge in real-world scenarios. She not only honed her skills but also expanded her professional network. "The opportunity to work with KLB professionals was a turning point. It solidified my passion for journalism and gave me a glimpse of what it takes to excel in the industry," Faith says.

Faith's achievements have been made possible by the supportive environment at MUT and the guidance of her lecturers. She expresses immense gratitude to the Chair of the Department of Humanities, Dr. John Ndavula, for allowing her to seize the internship opportunity despite academic commitments. "Dr. Ndavula's support was crucial in balancing my academic and professional commitments. I am truly grateful for his encouragement," Faith acknowledges. She is also grateful to her lead producer and supervisor at KTN News, Rebecca Muiruri, for her mentorship and support.

Future aspirations

As Faith continues to grow in her journalism career, she carries with her the lessons and experiences gained at MUT. This is a testament to the institution's commitment to fostering excellence in journalism. Faith's journey illustrates how collaborating with industry players can transform the lives and careers of students.

"I am excited about the future and the possibilities that lie ahead. The foundation I have received at MUT and Standard Media Group has prepared me well for the challenges and opportunities in journalism," Faith concludes.

Forays into the media world

"From the moment I arrived at Standard Media Group, I felt welcomed by a team of exceptional individuals," Faith recalls. Among the influential figures she encountered were senior anchors Ken Mijungu, Zubeida Kananu, Ali Manzu, Ashley Mazuri and Mary Kilobi. She worked under Becky Muiruri, the lead producer. "Becky became my mentor. She guided me through every aspect of news production and gave me great insights," Faith says.

Faith's role as a news producer has allowed her to work with a diverse team of editors, reporters, video editors, technicians, sound technicians, and directors. This collaboration has not only enriched her understanding of the media industry but also enabled her to contribute to and deliver high-quality news content. "Working with such a diverse team has been a rewarding experience. Each person brings a unique perspective and skill set, which has greatly enhanced my learning," Faith shares.

A turning point

Throughout her internship, Faith has been entrusted with handling multiple bulletins, including "Morning Prime," "News Diary," "News Center," "Yanayojiri na Jarida," and "News Desk." One of the highlights of her internship was producing "Mwanamke Ngangari," a show that highlights the achievements of women in society. She worked closely with the show host, Cycilia Wakesho Mathuva, to source guest ladies for the weekly show.

Faith managed the production process, from booking cameras and lapel microphones to scouting filming locations and conducting thorough research on guests. This role has honed her skills in producing engaging and informative episodes, creating generic promos, and sourcing high-profile guests.

"Producing 'Mwanamke Ngangari' has been a remarkable experience. It has taught me how to be detailed in my preparations and creative in my approach to producing content," Faith notes. "Handling the 'next on' segments and ensuring seamless transitions on air have been particularly challenging but incredibly rewarding," she adds.



Prof. Mukoma wa Ngugi from Cornell University speaking at a literary event organised by the Humanities Department

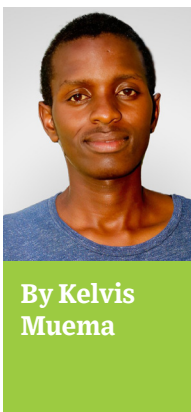


Faculty with guest professors from Cornell University



Prof. Carole Boyce Davies from Cornell University making a presentation at an event hosted by the Humanities Department

Sitting at the feet of gurus: My experience with guest lecturers



By Kelvis Muema

As part from my regular classes, I have greatly benefited from the guest lectures offered by the Department of Humanities in 2024. The semester kicked off with an event featuring two distinguished scholars from Cornell University, Prof. Mukoma wa Ngugi and Prof. Carole Boyce Davies.

When I heard about this event, I knew it was going to be special, not just because of the big names involved, but because of the subject matter: Black history. As part of the media team covering the event, I also got to practice my media skills

as a journalism student. I participated in the planning, recording setup, and final edits of the footage.

Prof. Mukoma, with his characteristic humor and eloquence, introduced us to the concept of “Extended Awareness of Blackness.” He urged us to step out of our comfort zones, much like historical figures such as Martin Luther King Jr. and Malcolm X, to contribute meaningfully to society. His words resonated deeply, making us reflect on our own roles in shaping the future.

Following him, Prof. Carole Boyce Davies spoke about diaspora literature and cultural connections. She discussed the African diaspora’s legacy and the significance of cultural ties across continents. Her insights into the work of W.E.B. Du Bois and her exploration of Black women’s leadership were particularly enlightening. We left her lecture with a renewed passion for literature and a deeper understanding of the global influence of African heritage.

Dr. John Ndavula, the chair of the Department of Humanities, emphasized the importance of such events. “As students, use every opportunity you get to network, learn, and showcase your skills,” said Dr. Ndavula. Indeed, these sessions were more than just lectures – they were moments of inspiration that pushed us to think critically and creatively.

The learning didn’t stop there. Later in the semes-

ter, students had the privilege of hearing from Athena Morgan, the Regional Project Manager for Africa at the International Center for Missing and Exploited Children (ICMEC). Her lecture on navigating the digital world and online safety was quite a revelation. She shared practical tools and strategies for starting a successful digital campaign, emphasizing the importance of having the right team to support such initiatives.

“For those of us interested in digital media, this talk was a goldmine of information, showing us how to effectively combine technology with advocacy,” said Bob Audi, a third-year Class Representative.

Another session that stood out was with Joy Githaiga, a marketer at Kenya Breweries Limited. Joy’s talk on digital marketing strategies was both practical and inspiring. She shared her journey from being a student to becoming a successful professional in the industry, demonstrating that with the right skills and determination, we too could achieve similar success.

One of the most memorable events of the semester was a talk on publishing by Dr. Matunda Nyanchama, the CEO of Nsemia Inc. Publishers. He provided students with a deep dive into the publishing industry, detailing the process from manuscript review to production and highlighting the various job opportunities available in the field. Dr. Matunda’s emphasis on using technology to monetize artistic creations was particularly insightful. He also encouraged us to explore indigenous knowledge as a rich source of inspiration for writing.

“Many students have told me they now consider creative writing and publishing as viable career paths,” said Dr. Andrew Nyongesa, a lecturer in the Department of Humanities.

These guest lectures organized by the Department of Humanities this semester were more than just academic exercises; they were life-changing experiences that broadened students perspectives and fueled their ambitions. “As students, we’re grateful for these opportunities to learn from industry experts and accomplished scholars,” concluded Bob Audi.

The writer is a third-year student pursuing a Bachelor’s degree in Journalism and Digital Media.

Success marks inaugural tourism festival



By Joy Jewel

The School of Hospitality and Tourism Management recently hosted its highly anticipated Tourism, Culture and Cuisine Festival. The festival which was held in March 2014 was organized by the Bachelor of Science in Hospitality Management graduating class.

The chief guest for the event was Hon. Paul Mugo, Murang'a County Executive Committee Member for Trade, Cooperatives, and Tourism. The DVC, Finance, Planning and Development, Prof. Beatrice Mugi, also graced the occasion. A number of other guests including prominent local tourism industry stakeholders and faculty also attended the event.

The festival showcased a dynamic blend of cultural expressions, featuring traditional dances from the Maasai, Meru, and Agikuyu communities. Attendees also enjoyed a diverse array of cultural foods. The evening's highlight was the crowning of Jonathan Lemayian and Mitchell Ng'anga as Mr and Miss School of Tourism and Hospitality Management 2024/2025 respectively. The highly successful event was a testament to the students' adeptness in event planning, networking and leadership. Joy Jewel and Collins Bulimu emceed the event.

"As the graduating class, we pass the torch to the incoming cohort. We hope that this festival will continue to flourish in the years ahead," said Mercy Njuguna who was planning committee chair. "The planning committee extends sincere gratitude to the sponsors, whose invaluable support contributed significantly to the event's success," she added.



Mr and Miss MUTCu 2022/2023 curtain raising at the African Masquerade event.



Students showcasing delicacies from the Maasai community.



Guests at the masquerade dinner.



By Betty Rotich

In any gathering, one figure stands out with an unmistakable presence. Obadiah Tamah, with his humble demeanor, is a leader you can't miss. His journey from the bustling streets of Nairobi to the halls of Murang'a University

of Technology (MUT) is a testament to his resilience and dedication.

Born on February 6, 2003, at Pumwani Hospital in Nairobi, Obadiah Tamah's journey is a testament to resilience, dedication, and exemplary leadership. Growing up in Umoja Estate before relocating to Mbooni Constituency, Tamah's early life was marked by significant transitions. He began his education at Kivani Primary School, later transferring to The Makueni School, and eventually joining Kitondo High School.

Early leadership

Tamah's leadership journey began in primary school, where he served as a prefect and head of the lower primary level. His involvement with the Kenya Scouts Association further honed his leadership skills. As a troop member, he was elected as the Primary Chipukeezy Pupil Patrol Leader for all schools in Makueni County. This accolade made him desire to be a leader from an early age.

In 2016, Tamah joined Kitondo High School, an extra-county school, where his leadership skills flourished. Known for his vocal and influential presence, he was first elected as the dining hall captain and later as the school president. His humorous and jovial character, combined with his excellent negotiation and oratory skills, made him a beloved figure among students and staff alike.

Tamah's leadership journey continued at MUT, where he was elected as the class representative of his Bachelor of Linguistics and Communication Studies program. His influence grew, and he made history by becoming





Obadiah Tama enjoys a light moment with former CS Education and VC, Prof. Dickson Nyariki



Tamah donning his political party's outfit during his campaign heydays.

Leading with Heart: Obadiah Tamah's impactful journey

Being the first Secretary General of the Student Council to garner votes from his less populated department. As the Student Council's Secretary General, Tamah acted as the primary channel of communication between students and the university administration. His tenure was marked by effective communication, mass support, and a deep commitment to student welfare.

Recognition and influence

In 2023, Tamah was nominated among the top 20 most influential youth in the Pulse Nipashe segment. His leadership inspired many young campus politicians to join the competitive space, emphasizing the need for strong leadership and management skills.

Reflecting on his campus life, Tamah fondly recalls the creativity, propaganda, and confidence required in campus politics. He enjoyed leveraging the influence of vocal students, university celebrities, and leaders of religious organizations to achieve political success. Balancing leadership responsibilities with academic demands was challenging, but it taught him valuable lessons about time management and adaptability.

Many students extol Tamah's leadership skills. "We felt motivated by the journey of leadership portrayed by

Tamah. He motivated most of us who were inspired by his journey. His representation of all department issues helped us class representatives work closely with MUTSO," says Joyleen Kidambi, a BSc in Nursing student.

"His all-black fashion sensation was well-defined and more associated with him. Despite many stereotypes associated with politicians, Tamah was a promoter of justice and equality. Most students during his reign benefited from the work-study program and inclusion in many activities. His humbleness and composure benefited the students through his negotiation skills with neighboring companies and organizations for student jobs and attachments," adds Joyleen.

Adamson Njuguna, a Linguistics and Communication student, says, "Tamah really played his leader role well as our class rep. Through our able CoD Dr. Ndavula and him, we successfully established well-structured communication channels that contributed to the success of our pioneer class. His selfless heart towards helping even with little and his advocacy for sharing will forever be a seed planted in many of those who interacted with him."

Navigating leadership challenges

Tamah has experienced a series of challenges in his leadership journey.

"One of my greatest challenges was when I was the class rep of first cohort of the BLC program during the Covid-19 pandemic. It was very hard coordinating online classes and leading students virtually through the WhatsApp platform," he says. However, Obadiah quickly mastered the online communication and smooth coordinated the sudden transition to online learning.

In his second year, Obadiah expanded his leadership roles by becoming the secretary of the MUT Journalism Club and the treasurer of the Environmental Club, which he co-founded with his classmate Sharon Kendi. Their dedication to environmental conservation earned them recognition, including being featured on Citizen TV for their initiatives.

By the time he was in third year, Obadiah's leadership abilities were further acknowledged when he was elected as the Secretary General of the Murang'a University of Technology Students Organization (MUTSO). His election marked a milestone as the first student from the Department of Humanities to hold such a position. His peers had finally come to trust in his leadership capabilities.

Lasting legacy

Obadiah Tamah's story not only highlights his personal growth and achievements but also underscores MUT's role in empowering students to excel academically, contribute positively to society, and emerge as leaders in their respective fields. His journey from a class representative to student council leadership reflects the University's commitment to molding well-rounded individuals who can make a difference in their communities and beyond.

Sowing seeds of change: Arthur Muiruri's journey to the helm of KASA


 Arthur
Muiruri
speaking
at a
function.

BY HUMANITIES DEPARTMENT

Arthur Muiruri Ann, a fervent advocate for agriculture, leadership, and environmental conservation, is in his fourth year at Murang'a University of Technology (MUT). As a student pursuing a Bachelor of Science degree in Agricultural Education and Extension, his passion for agriculture is immense.

"My goal has always been to inspire young people to see agriculture not just as a necessity but as a viable and fulfilling career," says Arthur.

Arthur is the current president of the Kenya Agricultural Students Association (KASA), leading an organization with 6,000 members across 58 chapters in Kenya. He is also a member of the World Food Forum, Kenya National Chapter. In these roles, he works tirelessly to champion sustainable agricultural practices and enhance food security.

Born in Mombasa, Arthur began his education at Passenga Primary School in Nyandarua before moving to Malan Primary School. He completed his primary education at Madaraka Primary School in Nakuru. Despite scoring 253 marks in his final exams, he persevered and went on to attend Hillcrest Secondary School, where his hard work paid off with a B- in his KCSE exams.

Now in his final year at MUT, Arthur is set to graduate in August 2024. His degree has positioned him as a knowledgeable advocate of sustainable agricultural practices in Kenya. "Graduating is a significant milestone for me, but it's only the beginning. I'm excited about what lies ahead in my journey to transform agriculture in Kenya," Arthur says.

Rising through the ranks

Arthur's leadership journey began in secondary school, where he served as the Dining Hall Captain in Form Three. At MUT, he



Arthur Muiruri during the launch of KASA.

initially vied for the position of Chairperson of the Student Electoral Commission in his second year but did not qualify. However, after the School of Agriculture relocated to Mariira Campus in Kigumo Sub-County, he successfully ran for the position of Student Representative and won. He is fondly referred to as "Governor" since becoming the first elected student representative for the academic year 2023/2024.

His leadership at Mariira Campus has been particularly impactful. "Through Arthur, we received the best knowledge possible in the agriculture sector. He constantly invited professionals to our campus and introduced a weekly knowledge series for the exchange of ideas. I have learned a lot from him and his initiative," says Amos Cheruiyot, a third-year student at Mariira Campus.

Reaching for the stars

In 2023, Arthur pioneered the formation of KASA, a national body for agriculture students across all institutions of higher learning in Kenya. The official launch of KASA took place in March 2024 at Egerton University, with representatives from 16 institutions. Arthur was later elected President for a three-year term (2024-2026). "Starting KASA was about more than just forming an association. It was about uniting young agriculturalists under a common goal," says Arthur. "I have established partnerships with agricultural institutions both nationally and internationally, and this has put MUT on the map," he adds.

At Mariira Campus, Arthur has made learning enjoyable, transforming agriculture from a perceived back-breaking venture into a source of wealth and fulfillment. "Agriculture is often seen as hard labor, but it's much more than that. It's a source of innovation, creativity, and real financial opportunity," Arthur says.

Changing perceptions

"Arthur has an inclusive leadership style that makes everyone feel represented. He has motivated us to pursue excellence in the field of agriculture," says Makona Edgar, a second-year student at MUT.

Balancing leadership responsibilities with academic commitments has not been without challenges. Arthur has faced the pressure of managing his time effectively while meeting his academic expectations. "Leadership isn't easy, but it's worth every challenge. It has taught me to prioritize, stay focused, and always seek ways to grow," he reflects.

As Arthur prepares to graduate, he looks back on his journey with pride. "I'm grateful for the opportunities I've had to grow both as a student and as a leader. I look forward to continuing my work in agriculture and contributing to the sustainable development of our sector in Kenya," he concludes.

The rise of a visionary leader



Justice Jabali who is the current MUTSO chair.



Justice Jabali sharing a podium with DP Rigathi Gachagua at an event.



Justice Jabali during his swearing in ceremony as MUTSO chair

From a young age, Justice Jabali's leadership potential was evident. John Njenga sits down with the 9th Chair of the Murang'a University of Technology Student Organisation (MUTSO) and brings to us his inspiring journey from humble beginnings to the heights of student leadership.

This year, you were elected as the 9th Chair of MUTSO. Tell us about your journey.

I was born on September 10th, 2002, in Bungoma County. My leadership journey began in primary school, where I served as a class prefect from Class 4 through Class 8. After excelling in my KCPE exams, I joined St. Ignatius Mukumu for secondary school, where I served as the Vice Chairperson of the Young Christian Students. These early experiences laid the foundation for my path in leadership.

What motivated you to pursue leadership roles at MUT?

When I joined MUT in 2021, I was eager to continue my leadership journey. In my first year, I ran for the position of Party Secretary during the student elections. Although my team didn't win, I gained a clear understanding of the election process. This experience helped me mount a successful campaign for the top position later on.

How did you handle setbacks in your pursuit of student leadership?

I see setbacks as opportunities to learn and grow. After failing in my first attempt, I ran for Secretary General in my second year but didn't win. That was when I realized that leadership is not just about winning; it's about staying true to your vision, learning from every experience, and never giving up. So, in my third year, I decided to run for President. By God's grace, on February 23rd, 2024, I was elected the 9th MUTSO Chair.

What is your main focus as the Students' President?

My focus is on improving student life, enhancing facilities, and fostering a more inclusive community. During the campaign, we made several promises to our fellow students, and I'm committed to ensuring that we follow through on those promises. Leadership is about making a difference today to impact tomorrow, and that's the approach I bring to this role.

What is your greatest challenge?

The biggest challenge is managing students' expectations. Students have very high hopes, and it can be difficult to balance those with the realities of what can be achieved within the constraints of the system. However, I believe that patience and wisdom are key. I'm committed to staying true to my vision while ensuring that we follow the necessary processes to achieve our goals.

What advice would you give to aspiring leaders?

My advice to young leaders is to put God first in all their dealings. They should serve with empathy, remain patient, and remember that everything has its time. Leadership is about making a difference today to create a better tomorrow, and that's how a legacy is formed.

What is your vision for MUT?

My vision is to see MUT emerge as a global centre of excellence in education, innovation, and community development. We've already started on this path. When we recently visited Rwanda, our university was recognized at a national level, and it was a proud moment to represent our institution. My office is working hard to ensure that by the end of my tenure, we will have laid the groundwork to catapult this vision into reality.

What legacy do you hope to leave behind as MUTSO Chair?

I want to be remembered as a leader who made a genuine difference. A leader who stayed true to his word and worked tirelessly to improve the lives of students. I hope that by the time I leave office, I will have contributed to making MUT a better place for everyone. I hope I will set a strong foundation for future leaders to build upon.



By John
Njenga

STUDENT GOVERNING COUNCIL



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MURANG'A UNIVERSITY OF TECHNOLOGY



Students enjoying a game of basketball on campus.

Knowledge and opportunity for all

As students reflect on their achievements in academic and extracurricular activities, Murang'a University of Technology (MUT) is outstanding as an institution that provides learners with knowledge and opportunity. MUT is committed to nurturing the talents and aspirations of every student who steps onto our campus.

As the chair of the Students Governing Council, I take great pride in the journey we began when we assumed office. Together, we have reached significant milestones and achieved noteworthy successes. The Students' Council has worked hard to ensure that a supportive educational environment exists at MUT.

A key focus of our lobbying efforts has been on infrastructural development. MUT has made substantial improvements to campus facilities, enhancing both spaces for learning and extracurricular activities. The construction of pavements and the naming of streets are part of this initiative. In addition, improvements have been made to essential facilities like the health unit.

The Students' Council has also expanded bursary programs and ensured transparency in the awarding process. The work-study programs have further been implemented to alleviate financial burdens. As we progress, we aim to increase study shades, install Wi-Fi in our hostels, and ensure an increase in bandwidth for easier and faster network access for research purposes.

Our office is dedicated to providing equity and in-



Justice Jabali

clusion by addressing the unique challenges faced by various student groups. This includes offering resources and support services tailored to the needs of students with disabilities. We are placing a strong emphasis on student welfare and support services. Initiatives such as mental health programs, career counseling, and mentorship schemes ensure our students receive the holistic support they need to thrive academically and personally.

We are also strengthening our ties with the community through various outreach programs and collaborations. These partnerships provide students with valuable internship and job opportunities, enhancing their practical skills and career prospects. Our plans include enhancing student safety and security both on and off campus. Through a partnership with Murang'a County Government, we will ensure the installation of floodlights, security lights, and an increased security presence to create a secure environment for comrades.

I want to acknowledge the dedication and hard work of our management, staff, and students. Our journey is far from over and I am optimistic that with the ongoing support and collaboration of our university community, we will reach new milestones. I look forward to the continued growth and excellence of our esteemed institution.

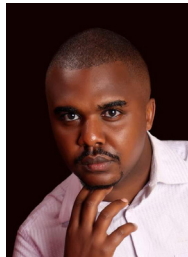
Alumni's corner

We are excited to share the significant strides made by the Murang'a University of Technology (MUT) Alumni Association has made over the past year. These accomplishments reflect our dedication to enhancing the alumni experience and supporting the University's mission and vision.

One of the key achievements has been the formal constitution and registration of the MUT Alumni Association. This milestone has established a structured framework for our operations, providing a solid foundation for governance and ensuring that our activities align with legal and institutional guidelines. The constitution outlines our governance, membership criteria, and strategic objectives, enhancing our credibility and operational effectiveness.

In our commitment to professional development, we have facilitated internships for five alumni members, providing them with valuable hands-on experience in real-world settings. By partnering with leading organizations, we have enabled our members to apply their academic knowledge, gain industry insights, and build professional networks. The feedback from these internships has been overwhelmingly positive, highlighting their impact on career growth and employability.

We have proactively written and submitted proposals to secure funding for underprivileged students. This initiative demonstrates our commitment to supporting the MUT community and ensuring that financial constraints do not impede deserving students' educational pursuits. Our collaborative efforts in proposal writing have garnered positive responses, and we are optimistic about securing



Henry Mwangangi

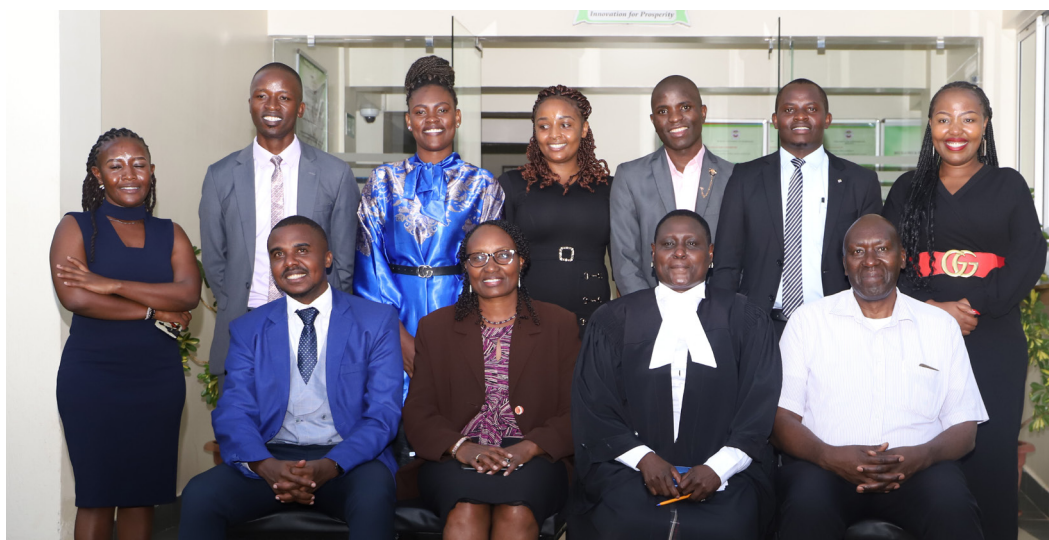
the necessary funds to assist these students.

Our activities have significantly contributed to MUT's mission and vision by promoting professional development, community engagement, and inclusivity. By bridging the gap between education and employment through internships and supporting students financially, we are reinforcing MUT's reputation as an institution that produces industry-ready professionals and fosters a supportive educational environment.

As we celebrate these achievements, our dedication to advancing our impact and supporting the MUT community remains strong. We look forward to continuing our efforts and building on these successes in the years ahead. We congratulate the class of 2024 and wish them the best in their future endeavors.



The feedback from internships has been overwhelmingly positive, highlighting their impact on career growth and employability.



A section of MUT alumni pose for photo with the Legal Officer and faculty members



Participants at a skills training session in the Main Hall

How life skills can help you overcome personal and professional challenges



By Runnoh
Goretti

While academic achievements lay the foundation for career advancement, life skills are equally vital in shaping a well-rounded, resilient individual. These skills are not just add-ons but essential tools for maintaining mental well-being and navigating the complexities of everyday life, enabling individuals to lead balanced and fulfilling lives.

In any career or field, technological literacy combined with traits such as trustworthiness, competence, and personal appeal can significantly boost professional growth. Investing in life skills development not only supports personal progress but also creates a pathway to a successful career.

In today's fast-paced world, mastering life skills is more crucial than ever. Essential competencies such as self-awareness, interpersonal relationships, and effective decision-making are the bedrock of both personal and professional success.

At the core of personal growth lies self-awareness. Understanding one's thoughts, feelings, and behaviours is pivotal for developing emotional intelligence and resilience. Self-awareness involves a thorough examination of one's personality, actions, values, and beliefs. By learning to recognize and manage stress – whether distress or eustress – individuals can enhance their self-esteem and emotional well-being.

Interpersonal skills, or people skills, are equally important. These include empathy, active listening, and effective communication, all of which are critical for fostering meaningful relationships and harmonious interactions. Mastering these skills is essential for personal happiness and professional success alike.

Effective decision-making is another vital life skill. It involves setting goals, thinking critically, and solving problems creatively. These abilities are indispensable for making informed choices, navigating challenges, and achieving one's aspirations.

As we celebrate our achievements and look toward the future, it's crucial to remember that success is as much about personal growth as it is about professional accomplishments. Life skills are the keys to unlocking your full potential and living a life of purpose and satisfaction.

During the eighth graduation ceremony at Murang'a University of Technology (MUT), a student with visual disability will receive a Bachelor's degree in Software Engineering. This achievement is remarkable, considering that many learners with disabilities in Kenya either do not attend school or drop out at higher rates than their peers without disabilities. This is often due to the lack of adequate attention and care needed to complete their education.

MUT is actively working to change this narrative in higher education. The University has implemented a disability mainstreaming policy and established a Disability Mainstreaming Office. Additionally, a dedicated Disability Mainstreaming Committee is in place. An Inclusion Champion has been appointed to ensure disability policies are implemented. These initiatives aim to protect the rights of Persons with Disabilities on campus and ensure their full inclusion in university life.

Over the past three years, MUT has admitted more than 40 students with various disabilities, including physical, hearing, visual, cerebral palsy, and albinism. To support their academic success, the University has installed accessible washrooms, constructed ramps at key locations, and provided clear and informative signage. The Disability Mainstreaming Office also guides students on accessing funding from bodies such as the National Council for Persons with Disabilities to support their education.

As an institution of higher learning, MUT recognizes the importance of accessibility of information. To realize this, the University has a digital presence that is inclusive. It has an accessible portal and website that allow all individuals to access information and resources seamlessly. Further, it avails information in alternative formats such as braille and audio.

Interpretation services are available, >>



Over the past three years, MUT has admitted more than 40 students with various disabilities, including physical, hearing, visual, cerebral palsy, and albinism.

Strides in disability mainstreaming at MUT



By Caroline Ogembo

« and the library has a nonvisual desk access. The introduction of reading magnifiers for students with low vision, tactile lifts for enhanced mobility, and accessible pathways throughout the campus has improved the welfare of Persons with Disabilities.

The University has initiated extensive programs to educate and raise awareness among staff, students, and the wider community about disability rights and issues. According to the United Nations Convention on the Rights of Persons with Disabilities (UNCPRD), Persons with Disabilities should enjoy the same human rights and fundamental freedoms as others.

The University takes access to employment for People with Disabilities seriously. For instance, the gender department shares data on graduates with disabilities with the National Council for Persons with Disabilities as way of championing their employment.

In line with affirmative action policies, MUT has made significant strides in recruiting Persons with Disabilities. Over the past three

years, the representation of Persons with Disabilities in its workforce has increased from 1.6% to 3.17%. Job opportunities at MUT are regularly shared with the National Council for Persons with Disabilities to attract more applications and ensure an inclusive workforce.

Furthermore, the Office consistently guides staff on the registration and tax exemption procedures established by the National Council for Persons with Disabilities. All employees with disabilities at the University are tax-exempt.

A further inclusion measure by the University is sensitizing members of the community on disability issues. For instance, MUT celebrates the International Day for Persons with Disabilities annually. The University also conducts staff and student sensitization sessions. Orientation for first-years every year also includes information on disability mainstreaming.

MUT continues its journey towards inclusivity. It remains dedicated to expanding opportunities and breaking down barriers for Persons with Disabilities on campus so that they can excel.

Staff and students celebrate the International Day of Persons with Disabilities



**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

ACADEMIC PROGRAMMES



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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

ACADEMIC PROGRAMMES



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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

ACADEMIC PROGRAMMES



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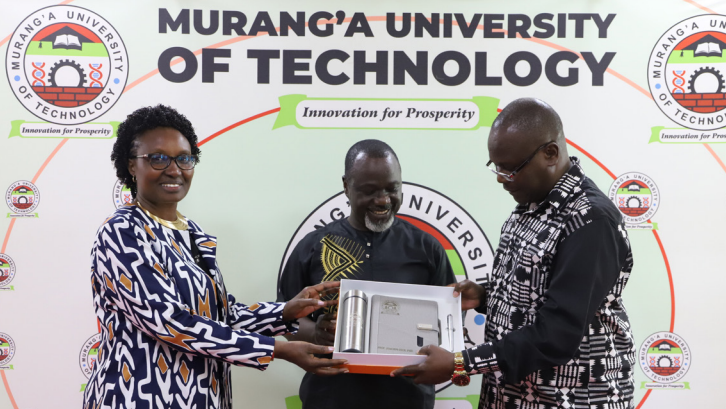
6. SCHOOL OF EDUCATION, HUMANITIES AND SOCIAL SCIENCES

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**



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Technology