



MURANG'A UNIVERSITY OF TECHNOLOGY

MUT NEWS

A Publication of the Office of the Vice Chancellor



**4TH GRADUATION
CEREMONY**

18TH DECEMBER, 2020

Vision

A Leading University in Technological Innovation, Research and Training

Mission

To Advance Knowledge and Technological Transfer through Teaching, Training, Learning, Research, and Innovation for Sustainable Development

Core Values

- Innovation and Creativity
- Professionalism
- Teamwork
- Freedom of Enquiry
- Integrity
- Fairness and Non-discrimination

Our Motto

Innovation for Prosperity

Innovation for Prosperity

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Students' leader

MESSAGE FROM THE PROF. JUSTIN IRINA, PH.D, EBS CHANCELLOR



**Prof. Justin Irina, Ph.D EBS
Chancellor**

The 4th graduation ceremony is a momentous occasion for Murang'a University of Technology as we celebrate the culmination of years of hard work by our graduands. I take this opportunity to congratulate the graduands who are set to receive their various qualifications.

I acknowledge the oversight and leadership role of the University Council Chairman, Prof. Joachim Osur, and his team, who, through prudent allocation and utilization of resources, have steered the University to achieving substantial infrastructural and academic developments and congratulate the University Council members for their re-appointment into office.

Through concerted efforts by all stakeholders, our University has grown into a distinguished centre respected for its research and academic excellence. I note with satisfaction the University has remained focused on fulfilling its mandate and to this end is undertaking key infrastructural projects which will create a conducive environment necessary for effective training, research and innovation.

I am confident that the University is imparting the necessary skills to our young men and women who will play an important role in the development of this nation in line with the University motto 'innovation for prosperity'.

The graduates will be confronted with tough choices as they enter into the job market and I believe that with the outstanding achievements in their academics and

the acquired useful skills, they stand a good chance of securing employment in the public or private sector or even being employment creators of yourselves.

Universities globally had to change their focus and venture into new and innovative teaching and learning modes with the outbreak of the COVID-19 pandemic that disrupted the academic calendar for most, if not all, universities. Our University successfully switched to virtual teaching, learning and online examinations and for this I congratulate the University Management, staff and students for embracing these new ways of carrying out the main business of the university with zeal.

Virtual learning is the new normal and investing in it will in the long run create networks of people and research collaborations beyond our borders. I appeal to the Government to continue strengthening and supporting the University financially alongside other young universities, like ours, because such universities offer an essential platform for spurring socio-economic developments in the regions.

Research is a critical pillar both at the institutional and national development levels. The University though a young institution, put up research laboratories and equip them with modern scientific equipment that has the potential to respond to the national and international needs and urge the University Management to continue encouraging and supporting the academic staff to play an increasing role in research.

I wish to acknowledge the support of the National Government, Murang'a County Government and other stakeholders. Through these support the University is bound to increase access to education for the public, make progress towards achieving the commitments made in its 2019-2023 Strategic Plan and in turn contribute towards the achievement of the 'Big 4 Agenda', 'Africa Agenda 2063' and the Global Sustainable Development Goals.

Finally to the graduands, as brand ambassadors of Murang'a University of Technology I encourage and challenge you to represent the University well wherever you will be; by upholding good moral values and a high sense of integrity, to become positive agents of change and use the new knowledge and skills, willing to share and contribute to the improvement of your respective communities.

Innovation for Prosperity

MESSAGE FROM THE CHAIRMAN OF THE UNIVERSITY COUNCIL



Prof. Joachim Osur, PhD
Chairman

I take this opportunity to congratulate the graduating class of 2020 for a job well done and also recognize our staff and appreciate their dedicated service to the University; their effort has enabled us to produce quality graduands.

On behalf of the Council, I take this opportunity to thank the Government of Kenya, through the Ministry of Education, for the demonstration of faith and confidence by re-appointing me and my colleagues to the University Council for a second term of three years.

The task ahead of us demands our unwavering commitment and total sacrifice on behalf of the Council, assure the Government and all other stakeholders that we shall diligently deliver our mandate of making this University achieve its objectives as envisioned in its Strategic Plan.

The Management team showed great leadership and steered the University very well during this the COVID-19 crisis. Implementation of the Ministry of Health protocols relevant to learning institutions, initiating e-learning and opening the institution for face-to-face learning when it was deemed appropriate enable university operations to run fairly smoothly despite the disruptions.

The University's action to support the Government's efforts in containing the spread of the COVID-19 virus in the community through distribution of masks to all the students and staff, production and distribution of over 10,000 masks to the local community through the County Government as part of its corporate social responsibility and taking advantage of existing technology to deliver lectures and administer examinations remotely is evidence of staff that are flexible and adaptive to technology and change.

Murang'a University of Technology has steadily been increasing its visibility, as demonstrated by the periodic world university rankings. The most recent webometric results have ranked the University at position 10 among 128 universities and colleges in Kenya.

My Council is pleased to report that Murang'a University of Technology has continued to honour all its statutory deductions. It has also been able to sustain staff salaries, even under the COVID-19 crisis, without having to resort to salary cuts, as witnessed in other institutions and I congratulate the University Management for their prudent management of funds under very strenuous financial conditions.

Universities world over are facing many challenges, particularly inadequate resources for teaching, research and development and must, therefore, find diverse revenue streams in order to meet the challenges of sustainability. The creation of the Endowment Fund is also in response to a rallying call by His Excellency the President of Kenya, who has urged Universities to establish endowment funds to hasten the pace of their growth.

The University Management has initiated development projects that have transformed the face of this University over a very short period of time with the past year seeing the construction of a Science Complex and revival of two hostels. On completion the Science Complex will give a huge boost to science-based programmes because it will house the much-needed modern science laboratories.

With assistance from the Ministry of Lands and Physical Planning, the beacons have been re-established to show the demarcation of University land which is a leap forward towards addressing the encroachment on the University land.

I appeal to the National Government and the County Government of Murang'a to assist us to quickly reclaim the parcels of land belonging to the University, occupied by individuals to enable us to complete the construction of the perimeter wall and permanently secure the University land as well as enhance the security of our students and staff.

We acknowledge the critical role the community plays in the lives of our students and staff and therefore appreciate the investments that the community is making by building hostels which are patronised by our students. We are grateful for this symbiotic coexistence.

Innovation for Prosperity

THE UNIVERSITY COUNCIL



Prof. Joachim Osur, MBChB, PhD
Chairman of Council



Mr. Peter M. Kibinda,
Member



Prof. Chris Macoloo, PhD
Member



Ms. Mary Kibuka,
Member



Mrs. Lucy N. Kaburia,
Member



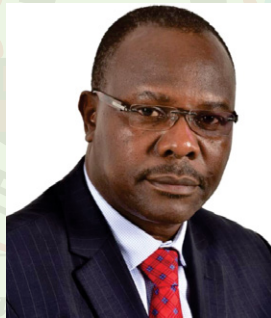
CPA. Simon N. Mundu
Member



Mr. Darius M. Ogutu
Rep. PS , State
Department of
University Education.



Ms. Naomi W. Matheri
Rep. Cabinet Secretary,
Treasury & planning



Prof. Dickson Nyariki, PhD
Vice Chancellor and Council Secretary

MESSAGE FROM THE VICE CHANCELLOR



Prof. Dickson Nyariki, PhD
Vice Chancellor

This year is very unique to us since we are holding a virtual graduation ceremony that is being streamed live via our University YouTube, Facebook and Instagram accounts, instead of the traditional, face-to-face, one.

A total of 901 graduands will be presented for graduation in various disciplines. Out of these, four are graduating with master's degrees, 821 with bachelor's degrees, 74 with diplomas and 2 with certificates. This marks good progress compared to last year's graduation when we graduated 618 students.

Sheer hard work and effort on the part of our graduands as well as a dedication by the faculty and other University staff, including the parents, guardians and sponsors have played a role in the realisation of the graduands completing this important phase of their education.

I wish to congratulate our new University Council members who have recently been appointed or re-appointed to serve for a three-year term and assure them of the full support of the Management, Senate, staff and students, as they carry out their oversight role at this University.

The Government, following the outbreak of COVID-19 pandemic in March 2020, directed that all learning institutions in Kenya be closed. In response to the directive, Murang'a University of Technology Senate ordered the closure of the institution for students who were on the 10th week of the semester while staff were required to work from home.

The Senate further agreed to continue teaching through online platforms which meant enhancing our ICT Infrastructure. The University has invested in increased internet bandwidth capacity of 200Mb/s, a Learning Management System to facilitate a student-centred online learning environment that has been integrated with our mainstream Enterprise Resource Planning (ERP) System and put a system in place to safeguard the integrity of the online examinations. The graduands receiving their qualifications were able to successfully sit their final examinations through the University online platform in September, this year. As a sustainability measure for online teach

ing and learning, the University plans to establish an online Lecturer Resource Centre to provide easy access to a variety of learning materials, including recording lectures for students and offer blended learning that provides both face-to-face and online teaching.

The Ministry of Education allowed for the phased reopening of universities and tertiary institutions from September, 2020 and to facilitate staggered re-opening, the University has complied with all the Ministry of Health protocols including hand-washing stations, sanitizing points, provision of washable face masks to all students and staff and application of thermo-guns at entry points among other measures.

As a young institution, we continue to provide market-driven academic programmes and to engage in cutting edge research undertakings by continually responding to research grant calls both at the local and international levels. Our students and staff have developed two non-contact dispensers for both hand-washing and sanitizing, with one being solar-powered, an online teaching platform, a water purification system, and a multi-storey garden with solar-powered automated irrigation.

With funding from the National Research Fund (NRF), the University has bought research equipment worth over 46 million for the establishment of Analytical and Imaging Laboratory that will be installed in January, 2021 when our Science Complex block is complete. This will open new windows for scientific innovations and consultancies. mainly in the areas of soil and water analysis, mineralogy, agricultural chemical analysis and food analysis.

Our partnership with the County Government has made us realize infrastructural developments such as street lighting and tarmacked roads around the University and once the process of transferring 50 acres of the land at Mariira Farm to the University is completed, the establishment of a strategic agricultural campus in Murang'a County will help us strengthen programmes in Agricultural, Food and Environmental Sciences, the use of Level 4 Hospital by medical students in the recently launched degree courses in Medical Laboratory Science, Community Health and Environmental Health. Plans are at an advanced stage to also launch a degree in nursing in the next one year.

At the National level, the University community members participated in contributing towards the COVID-19 pandemic mitigation emergency response to the tune of KShs.3,835,750.00, paid to the Kenyan COVID-19 Fund at the National Treasury and Planning.

In conclusion, I appreciate the support the University has received and continues to receive from the County Government of Murang'a, led by the Governor, H.E. Hon. Mwangi wa Iria.

God Bless You.



THE UNIVERSITY MANAGEMENT BOARD



Prof. Dickson Nyariki, PhD
Vice Chancellor & Chairman,
University Management Board



Prof. Beatrice W. Mugendi, PhD
Deputy Vice Chancellor,
Finance and Development



Prof. Prisca J. Tuitoek, PhD
Deputy Vice Chancellor,
Academic & Student Affairs



Joseph Gachanja, Registrar
Finance & Development



Dr. Peace Agufana, PhD Registrar
Administration & Planning



Dr. Richard Juma, PhD Registrar
Academic & Student Affairs



Prof. Clifford Machogu, PhD
Deans Representative



CPA. Moffat K. Njoroge
Ag. Finance Officer

DIVISION OF ACADEMIC AND STUDENT AFFAIRS



Prof. Prisca J. Tuitoek, PhD
Deputy Vice Chancellor,
Academic and Student Affairs

It is my great joy to celebrate class of 2020 graduands who are being feted in this fourth graduation ceremony. On behalf of the Division of Academic and Student Affairs, I salute all the staff of Murang'a University of Technology (MUT) for dedicating their time to ensure that the students are ready for graduation.

This year's virtual graduation ceremony is occasioned by the unprecedented difficulties created by the COVID-19 pandemic. Despite the disruptions caused by the scourge, my Division has worked tirelessly to ensure that we graduate students without skipping a year.

The University was in its 10th week of the semester when the pandemic hit. The subsequent closure of all institutions of higher learning forced our staff to complete the semester online. Examinations were also successfully administered online for the graduating and postgraduate classes.

The Division launched a series of trainings geared towards sharpening lecturers' online competencies. These included: trainings on online pedagogy, online examination processes and the use of Learning Management System (LMS) in teaching. Our staff swiftly adjusted to the virtual environment and performed their usual tasks seamlessly.

As a Division, we remain committed to quality in all our academic processes. For instance, our programmes are supported by faculty who are qualified and dedicated. We also have adequate library materials, well equipped laboratory, workshops and ICT resources.

Our programmes are subjected to rigorous internal and external quality assurance processes. Our faculty are regularly retooled through trainings and conferences to ensure their teaching meets international standards.

During the 2019/2020 Academic Year, we successfully held a postgraduate supervisors' training whose aim was to make our supervision of postgraduate programmes top notch. As a result, our postgraduate programmes have continued to record higher enrolments.

The University has mounted a number of cutting edge TVET programmes. Further, the undergraduate and postgraduate programmes remain attractive due to the focus on Science and Technology. This was observed in the KUCCPS admissions which recorded an increase in student numbers from 1508 in 2019 to 2645 in 2020. Graduands have also increased from 618 in 2019 to 901 in 2020, among them four postgraduate students.

The Division has endeavoured to excel in Research, Innovations and Consultancies. The Division processed a number of proposals out of which four by staff teams won for award the competitive Vice Chancellor's Research Grant. Our staff also won international grants which included the United Kingdom's Royal Academy of Engineers Grant and Higher Education Partnerships in Sub-Saharan Africa (HEP SSA) for strengthening collaborations between academia and industry. Staff and students also made three innovations in response to the COVID-19 pandemic. The innovations have been filed with the Kenya Industrial Property Institute (KIPI). On Linkages, Outreach and Partnerships, the Division successfully organized for collaborations with a number of notable institutions and organizations. These include: Murang'a County Government for Agricultural and Health related partnerships, International Association for the Exchange of Students for Technical Experience (IAESTE), and Diversity Education Institute, U.S.A. These partnerships are set to improve staff and student capacities. The University has continuously been engaged in and around Murang'a Community through trainings of women and youth, and providing seedlings for fruit trees.

Regarding student welfare, I am pleased to report a continued cordial relationship between management, staff and student leadership. In February 2020, student leadership smoothly changed hands through peaceful elections. We have always catered for needy students through our Work-study programme.

In October 2019, the University held a successful Cultural and Talent Week. The students displayed traditional art, foods, and clothing. They also performed dances, drama and poetry.

The Careers Office organized a number of seminars where the final year students were taken through job market environment, job search techniques, entrepreneurship and self-employment.

The Alumni Office planned a number of activities including Endowment Funds collection within the University in preparation of the launch of a major funds drive.

In conclusion, I take this opportunity to wish our 2020 graduands success as they step out into the world of opportunities. 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. I also welcome you back to join our competitive postgraduate programmes.

DIVISION OF FINANCE AND DEVELOPMENT



Prof. Beatrice J.W. Mugendi, PhD Deputy -Vice Chancellor, Finance and Development

On behalf of the Division of Finance and Development, I am delighted to congratulate all graduands of Murang'a University of Technology (MUT) during this unique 4th graduation ceremony. We celebrate your hard work and focused attention to your studies that have culminated in the awards in your specific areas of study.

During this unprecedented period of Covid 19 pandemic, the division of Finance and Development has continued to judiciously manage the finances and development activities in the University in line with the University's vision, mission, and strategic objectives. I wish to state that the University has implemented the Ministry of Health (MOH) protocols on prevention of transmission of the disease including the provision of masks to students and staff, sanitizers, and hand washing stations at the gates and other points of entrance to buildings within the University. Besides, students are continually sensitized to preventive measures to protect themselves and to prevent transmission of the virus.

The pandemic has slowed down the progress of the projects in the University as MOH protocols were enforced at the project sites. The main development projects for the financial year 2019/2020 have been the construction of the Science Complex that is expected to house laboratories for the Pure and Applied Sciences, the Hostel Block Phase 1 Wing II, and the Perimeter Wall.

The process of developing a Master plan to guide future growth and physical development of the University has commenced. Notably, the University handed over Kandara and Kamukunji Technical Training and Vocational Colleges to the mentoring institutions through the Ministry of Education after successfully supervising their construction and installation of equipment.

The University has embraced technology for service delivery including supporting online teaching and examination. In this regard, the University has enhanced internet connectivity by increasing the bandwidth to enable students to access E-resources while off-campus. More hot spots will be established to allow students to join online lectures while within the University. MUT has adopted technology to strengthen intelligence gathering to enhance the security of students and staff in the University. Further, the University has prioritized the security of information and in this regard, the University has embarked on training towards certification to the Information Security Management System (ISMS) standard, ISO/IEC 27001:2013 by June 2021.

The University is in the second year of implementing its Strategic Plan 2019-2023. The Plan sets out the strategic roadmap for the University for the period and focuses on three strategic themes: Academic Excellence, Quality, and Institutional Capacity Development. The latter encompasses Linkages, Collaboration, and Outreach, Students Welfare, Infrastructure Development, and Resource Mobilization and Management. The University continually monitors the implementation of the strategic plan through the assimilation of key indicators into the yearly performance contract targets.

The University is certified to ISO 9001:2015 Standard on Quality Management System (QMS) that focuses on risk management and understanding of the needs and expectations of relevant interested parties. The University has developed policies and procedures and has set up systems that ensure improved service delivery aimed at increasing customer satisfaction. Further, the University is revising her QMS documentation in preparation for a recertification audit next year.

Once again I congratulate all the graduands and wish you success in your careers.

Innovation for Prosperity

REGISTRAR, ACADEMIC AND STUDENT AFFAIRS



Dr. Richard Juma, PhD

Today Murang'a University of Technology (MUT) celebrates its fourth graduation ceremony and its first virtual graduation ceremony. I take this opportunity to congratulate all the 901 graduands.

I salute all the graduands, guardians, and guests for gracing this occasion via the various online platforms.

I want to acknowledge the graduands for their focus, dedication, and discipline that has enabled them to achieve the academic recognition bestowed upon them today. They have accomplished an enormous task having managed to complete

and pass their studies this year despite the challenges brought about by COVID-19. This has been due to hard work and sheer resilience. It is said that what doesn't break you makes you stronger I believe that the graduands are stronger having surmounted the challenges brought about by the Covid-19 pandemic.

To our graduands, the knowledge, skills, insights, values, and networks that you have acquired at the Murang'a University of Technology should serve you well now and in the future. As you go on to make your contributions to nation-building, hold the name of your Alma mater, MUT dear to your hearts and endeavor to lift it high. The new phase of life that you are about to enter may be unpredictable and full of opportunities and challenges. However, you should always maintain a positive attitude and a healthy relationship with God and others. As a University, we are confident we have produced transformative leaders who will remain relevant in this dynamic world and game-changers in the entire spectrum of society.

As you weigh the options available for furthering your career, we wish to remind you of the postgraduate opportunities available at MUT. You are invited to visit the university website www.mut.ac.ke or offices of respective Deans of schools for more information on postgraduate prospects. Our alumni, our good ambassadors, arise and shine!

May God bless your plans.

REGISTRAR, FINANCE AND DEVELOPMENT



Joseph Gachanja

I wish to pass my warm congratulations to all who will be feted today and to the families, friends, and faculty members who share in your proud achievements. All the long years of hard work, study, memories, fun, and friendships are crowned by this one accomplishment...Graduation! It is a day of happiness and fulfillment, meant to be shared with family, friends, and those you love. It is a time to take pride in how far you have come and to build faith in how far you can go. As scholars, you need to continue questioning, since as you might be aware, we live today in what has been called the Knowledge Society. As our knowledge advances at lightning speed, we also become more

vulnerable to gaps in that knowledge, to what we might describe as knowledge deficits. You have a special mission - a high calling I believe - to take a leading role in the struggle to narrow and even to eliminate the knowledge deficits which challenge our world. It is only by questioning that you will be able to leave a mark in society.

The office of Registrar (Finance and Development) is responsible for the coordination and implementation of the finance and development function of the University. The objectives of the division are to develop, manage, maintain, repair, and remodel the University's infrastructure and facilities; to optimize usage of energy and other utilities on campus; and to provide other essential services the University requires to attain its Mandate.

The Registrar (Finance and Development) works closely with the Deputy Vice-Chancellor (Finance and Development) in ensuring that the division operates efficiently and in line with the Vision and Mission of the University. Our work is informed by the Strategic Plan 2019 – 2023 and the University Master Plan, which guides the University in its resource investment approach to address future facility and infrastructure requirements. To achieve its objectives, the University has deployed sufficient and adequate funding to attain capacity-based infrastructure and also meeting other related costs for teaching and research activities.

REGISTRAR, ADMINISTRATION AND PLANNING



Dr. Peace Agufana, PhD

On behalf of the Administration and Planning Division, I wish to celebrate you as you graduate today after successful completion of your studies. This is a great achievement that will propel you to greater success in life. I wish to appreciate the dedication and commitment you have put in your studies and the fruitful interaction you have experienced as you interacted with the University community.

As you go out into the world, become the University ambassadors and always uphold the virtues you acquired from your training. When called upon to offer guidance use the skills you acquired from the University to better your communities. Be faithful to your maker and you will succeed in life. I once again congratulate you as you receive your various well-earned qualifications. May the Almighty God bless you abundantly

FINANCE OFFICE



**CPA. Moffat K. Njoroge
Ag. Finance Officer**

I am delighted to congratulate the 2020/2021 academic year grandaunts. Your qualification today signifies hard-work and dedication with the sustenance by guardians/parents during the academic stay in the University. It is my hope that this achievement has prepared you adequately to face and tackle life after graduation

Finance Department at Murang'a University of Technology provides central financial services essential to supporting the stakeholders of the University.

Major functions of Finance Department include the offices of Budget and Budgetary Control, Student Finance, Creditors, Debtors, Personal Claims, Payroll and Cash.

The department is made up of well qualified staff working as a team and dedicated to provision of services to our esteemed customers. Through our gigantic expertise, leadership in the financial management of the resources of the University and obligation to client service, we pursue to attain operational excellence.

We also ensure compliance with the guidelines set out in various policies and the Public Finance Management Act, 2012 in an effort to facilitating the University realize its Mission and Objectives.

I express my sincere appreciation to the management and other stakeholders for the colossal support and understanding, notwithstanding financial and operational challenges due to effects of COVID-19.

It's my hope that with the team work we have established, we shall realize successful operations of the University and I look forward for the same spirit in the future.

DEANS' REPRESENTATIVE.



**Prof. Clifford Machogu,
PhD, Deans' Representative**

It gives great pleasure to congratulate 2020 graduands for the successful completion of their academic journey at Murang'a University of Technology.

The concerted efforts of schools and directorates with the unwavering support of University Management have culminated ensured high-quality education is availed to every one of our graduands. Further, efforts of all University stakeholders has led to the academic achievements we are now witnessing in the class of 2020.

Finally, I wish all graduands success in their future endeavors.

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY



Dr. Geoffrey Mariga, PhD, Ag. Dean

I write to express my heartfelt congratulations to the class of 2020 Graduands on your graduation this 18th day of December 2020. Despite all odds brought about by a global pandemic, you persisted. Your discipline, hard work and commitment to your studies have made it possible for you to witness this occasion. It is my

prayer and hope that you will uphold these values as you start a new life. This will enable achievement of any other set objective as you pursue your divine destiny. I thank all stakeholders including parents and guardians who supported us throughout your academic journey. I also thank all staff in the School who worked tirelessly to ensure that you are equipped with necessary computing knowledge and skills as you graduate. In your professional life it is the expectation of the School that you will humble yourself, serve others with honesty, diligence and integrity.

We would love it if you would pick a gown, take graduation photos and short video clips and share on social media. Since we are not able to celebrate together in person due to COVID-19, at least we can do it virtually. You, perhaps more than any graduation cohort, deserve a real celebration for making it to the finish line. I could not be prouder of you all.

Please take care, stay well, and keep in touch with us! Best wishes to you always from the SCIT fraternity.

SCHOOL OF BUSINESS AND ECONOMICS



Prof. Clifford Machogu, PhD Ag. Dean

On behalf of the staff and students in the School of Business and Economics (SBE), I convey my heartfelt congratulations to the 2020 graduating class. The graduands have been exposed to market-responsive training through our programmes and courses. I am confident that this will propel them to excel in the career options they will undertake. They are bound to realize their professional dreams because our academic staff with insight and expertise based on cutting-edge research exposed them to knowledge.

The School has continued to align our programmes to ensure they meet the changing requirements of industry and the business world. Through these efforts, I am confident that our graduands will continue to enjoy international recognition and exemptions from examinations offered by professional bodies. I, therefore, urge them to remember they have been adequately trained and prepared to join the job market.

Once again congratulations.

SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES



Dr. Sylvia Opiyo, PhD Ag. Dean

The School of Pure Applied and Health Sciences offers competitive programmes which produce highly qualified graduates in the areas of mathematics, physical, biological and health sciences at diploma, undergraduate and postgraduate levels. In line with the University's vision, mission and strategic objectives, the School strives to train and develop competencies most needed to work in industries, financial, health, learning and research institutions as well as information technology.

On behalf of the School of Pure, Applied and Health Sciences (SPAHS), I convey my sincere congratulations to the 2020 graduating class on the successful completion of their studies. Your commitment, hard work and dedication have helped you to achieve your ultimate goal of acquiring knowledge, skills and expertise in your area of specialization. The School wishes you the best of luck in your future undertakings.

Congratulations on your graduation

SCHOOL OF ENGINEERING AND TECHNOLOGY



**Prof. Christopher Maina, PhD
Ag. Dean**

On behalf of the School of Engineering and Technology (SET), I extend our sincere congratulations to all the 2020 graduands on the successful completion of your studies. Throughout your academic journey, the University through the School has provided you with the requisite skills and knowledge to practice in your field of expertise. The School wishes you all the best in your carrier growth and encourages you to keep in touch with your alma mater. SET is looking forward to being recognized internationally as a center of excellence in engineering and technology .

SET also hopes to build engineering capacity for national development and wealth creation through training of highly skilled workforce in engineering, technology, research, consultancy and extension services which will help in achieving Vision 2030 while at the same time addressing the Big Four agenda items (Manufacturing, Food Security and Nutrition, Universal Health Care and Affordable Housing).

The school aims:

- To provide quality engineering and technology education that inculcates creativity and innovation for economic growth.
- To develop and review engineering and technology syllabi in line with market demands.
- To attract, mentor, retain and motivate high caliber academic and professional staff.
- To maximize the school's capacity to admit, retain undergraduate and graduate students.

The School aspires to develop other Engineering Science programmes including but not limited to Bachelor of Science in Mechanical Engineering, Bachelor of Science in Mechatronics Engineering, Bachelor of Science in Civil Engineering amongst others.

SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT



**M/s Juliana Maina,
Ag. Dean**

These are very exciting times for the School of Hospitality and Tourism Management (SHTM) of Murang'a University of Technology for graduating our third undergraduate cohort. We are a school centered on the world's largest consumer-focused industries. Everything we do in our school is relevant to preparing students to be leaders in careers that focus on the customer - human experience.

Graduands from our School have been blended to work with world-class top industry professionals and have found hospitality and tourism as their new passion. Our faculty are committed to ensure that students become problem solvers,

critical thinkers, and creative innovators. Graduates from our school have established successful careers throughout our country. Their jobs titles, and career paths are each distinct, but the common thread that makes a SHTM alumni special is their preparedness to create memorable customer experiences in their chosen careers.

Our students have learnt to balance their academic life with activities outside the classroom. They have broadened their horizons, enriched their life experiences, and made lifelong friends, and in the end they have found their time here well spent and campus experiences rewarding.

We are indebted to the University Management, industry partners, and friends who provided opportunities for our students through field trips, internships, and guest lectures. These constituents play an important role in strengthening our ability to provide extraordinary experiences for our students.

The Academic Advisory team in SHTM is the best! The Events organizing team is even better and it has successfully organized events such as the Gala night, Tourism and Hospitality extravaganza, Mr. & Miss Tourism/Hospitality beauty pageant, cooking competition and young players in climate change activities among others. You are welcome to join us as we strive to continuously enhance teaching effectiveness and academic excellence. When students find us, they know they have found a place to 'call home'. We are the people's place. Join us!

Congratulations to all our graduands.
Thank you ALL

SCHOOL OF EDUCATION



**Dr. Andrew Makori, PhD
Ag. Dean**

Dear graduands, I consider it a great honour, privilege and responsibility to share my thoughts on your graduation day. The coronavirus has affected the university graduation tradition of valedictorian and salutatorians addresses, common on such an occasion. That makes this year's graduation a little different. However, today marks an important day in your lives –a beginning of a journey. I commend you all for an important achievement, which has been possible because of your personal competences such as passion, commitment, tenacity and open mind to learn. I hope that these competencies or virtues will remain important throughout your lives. Nurture them. They will be even more important than what you have learned.

Over the last few years as a university student you must

have learnt how to think. Learning how to think really means how to exercise some control over how and what you think. It means being conscious enough to choose what you pay attention to and to choose how you construct meaning from experience. As an adult, you need to exercise this kind of choice.

Learn from every mistake because every experience, encounter and particularly your mistake are there to teach you and force you into being more of who you are. And then figure out what is the next right move. And the key to life is to develop an internal moral, emotional G.P.S (Global positioning system), that can tell you which way to go.

As you graduate today, as you deal with your excitement and doubts, I urge you to try and create the world you want to live in. Minister to the world in a way that can change it; minister radically and practically. Work hard and learn from your past experience. Try opportunities and possibilities out there.

I wish you all the best for your lives, embrace the challenges and get ahead of the change. Find your purpose and take your share in shaping the new world. The new world does not appear by natural laws, but it is created by connected thoughts and actions of myriads of individuals who are beset by the passion of making the world a better place for all. Become the creators of the future. You can do it and my best wishes are with you all with God's richest blessings

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES



**Dr. Beth Njeri Ngugi, PhD
Ag. Dean**

On behalf of the staff and students in the School of Humanities and Social Sciences (SHSS), I extend my heartfelt congratulations to the graduating class. Your graduation today signifies hard-work and support by guardians/ parents during your stay in the university. This ceremony marks a new beginning in your life that

may come with its own challenges. However, be assured that the Lord who has been with you will light your path as He has done in the past. Anchor your faith in God and He will carry you through all your seasons in life. And in the different ways that you will be serving the nation, I challenge you to stand out to be counted as excellent and diligent.

This school has strong academic programs and diverse industry linkages which strengthen the practical component of the courses we offer. We train in the areas, Criminology and Security Studies, Development Studies with IT, Linguistics and Communication Studies, Journalism and Media Studies and Public Relations at Diploma, Undergraduate and Postgraduate Levels.

We are confident that you are well equipped with the knowledge and skills that place you on the competitive edge in the job market. With your hard-earned degree, I implore you to brand yourself for both the national and global market. I encourage you to be strong and of good courage in your pursuit for distinction, Hongera Sana!



The Vice Chancellor, leading the Tree Planting Session to Commemorate the Alumni Association Launch



MUT Staff at Mariira farm giving out Hass Avocado seedlings



The Vice Chancellor leading the ground breaking exercise for a modern basket pitch along side other members of the University Senate and the student council



CAS Ministry of Education, Hon. Zack Kinuthia Touring Engineering Department

Innovation for Prosperity



DVC ASA, participating in the cultural events



Students participating in color clashing session during the cultural day event



Site inspection for the ongoing science complex



Inspection for re-opening by a team from Ministry of Education

Innovation for Prosperity

DIRECTORATE OF TECHNICAL VOCATIONAL EDUCATION AND TRAINING (TVET)



Prof. Christopher Maina, PhD
Director

The social pillar of Vision 2030 singles out education and training as the vehicle that will drive Kenya to achieve its goal of becoming a middle-income economy. Technical and Vocational education therefore became a crucial indicator of achievement of Vision 2030's goals. In developing the vision 2030, it was envisioned that a competency-based curriculum, will anchor Kenya's transformative drive towards meeting the social, economic and political demands. Given effort by Government to mainstream TVET at all levels

of Education in Kenya, Murang'a University of Technology is positioning itself to provide highly skilled workforce through Competence Based Training for industrialization. In order to contribute to one of the vision 2030 flagship project geared towards training more than 1 million artisans for Kenyan Market, the University through the Directorate of Technical and Vocational Education and Training (TVET) has received TVET students in the following programmes:

The Directorate has organized and successfully run a Competency Based Training assessment and implementation to 85 members of staff. MUT is currently training the first cohort of the CBC programmes for the September 2020.

The directorate in conjunction with the Institution of Engineering Technologists successfully hosted the national conference for Engineering Technologists on 14th and 15th February 2020 in campus. The conference attracted over 130 stakeholders and was graced by the CAS Ministry of Education, Hon. Zack Kinuthia.

DIRECTORATE OF ENTERPRISE SERVICES



Mr. Geoffrey S. Musoga
Ag. Director

Murang'a University of Technology Enterprise Services (MUTES) wishes to congratulate the 2020 graduates and wishes them success in their future endeavors.

MUTES is mandated by Murang'a University of Technology (MUT) to assist in cost cutting measures by manufacturing

various items internally for the University and also generate additional funds from external clientele. The provision of quality products and services is key in the MUTES policy. The three workshops (Metal, Wood & Textile) currently in use by MUTES, together with branded University items and conference facilities are a major compliment for her productivity. There are strategies to roll out more revenue streams to boost income.

With the high quality equipment and facilities in use, and with application of modern design and technology coupled with great innovative skills from employees, MUTES provides its clientele with satisfactory final items.

When providing novel concepts MUTES attaches great attention to core values of professionalism and ethics, quality and standards and innovation and uniqueness to its end products and services.

DIRECTORATE OF LINKAGES, OUTREACH AND PARTNERSHIPS (LOP)



**Dr. Caroline Igoki Mwangi, PhD
Ag. Director**

Linkages, Outreach & Partnerships (LOP) Directorate wishes to congratulate the 2020 graduating class for undertaking four years of serious academic studies and emerging successful'

We therefore today join the University Council, the Senate, the Management, staff, students your parents, guardians, family, friends, relatives, MUT, Community, the Nation and God Almighty in celebrating your success today and wishing you well in all your future endeavours. Well done we are pleased with you and your accomplishments.

A journey of a thousand miles is started with one step. Many

years ago this journey started with taking the first step to pre-primary school, the first step to high school and the first step to first year at Murang'a University. These steps have therefore culminated in a successful completion of your studies.

As a Directorate we take note of the unique time in which you are graduating. This unique time calls for change as you transition from being students to productive members of the society. We therefore encourage you that as you transition continue to take the first step, hope and be diligent in all that you do and you will succeed.

We note that in the four years in the University we have had opportunities to serve the community with you through your voluntary participation in Corporate Social Responsibility (CSR) activities such as participating in cleaning up exercises, tree planting both in MUT and also at Ndakaini Water dam. We also appreciate your involvement in visiting, mentoring and encouraging the vulnerable in the society among other initiatives. We as a Directorate are grateful for that and hope that you will continue to cooperate and collaborate with others, being selfless in serving and also in performing your duties in various fields as citizens in this nation.

We conclude with this proverb: -
'Commit your ways to the Lord and he will direct your paths.'
The LOP Directorate under the guidance of MUT leadership continues in these unique times to initiate and grow linkages, collaborations, partnerships and outreach services to serve the University, the Community and the nation of Kenya, locally and internationally.
God bless you.



MUT STAFF GIVE FOOD DONATIONS TO MURANG'A PRISION IN RESPONSE TO COVID-19

DIRECTORATE OF RESEARCH, INNOVATION AND CONSULTANCY



**Dr. Peter Waithaka, PhD
Director**

The Directorate of Research, Innovation and Consultancy (RIC) joins the MUT family in celebrating the success of the graduating class of 2020. With the four years of rigorous and successful training in your various fields, we are confident that you are equipped with necessary knowledge and skills to cater for the challenges that face our world today. We believe that you will get into assignments, careers and/or jobs that will take our nation to the next level. You are part of this great university, be good ambassadors of MUT as we all make our contributions towards achieving the University's vision.

In the last one year, the Directorate of Research, Innovation and Consultancy was involved in a number of activities in both research and innovation. The Directorate has been able to advertise over 30 research grant calls in the university website and encouraged the members of staff to participate in the calls. Over twelve applications have been made. The proposals were mainly based on the fight against the COVID -19 pandemic. Some of the proposals aimed at the development of rapid testing kits for this disease and community involvement in the fight against the disease.

The directorate has overseen the development of four innovations. These include two non-contact dispensers for both hand washing and sanitization. The third innovation provides an online teaching platform while the fourth innovation is water purification system. All these innovations were aimed at the mitigation of impacts of the COVID-19 pandemic.

The University has received research equipment for the Analytical and Imaging Laboratory. These are: AAS, HPLC, GC-MS and XRD which will be installed in January 2021 when the science complex block is completed. The rest of the equipment is expected to be in the University by mid-December 2020. Facilities such as 3D printers, 3D scanning machines have already been installed.

The commissioning of the analytical and imaging laboratory will open a new window for scientific consultancy. This will mainly be in soil analysis, water analysis, mineralogy, agricultural chemicals analysis, food analysis just to mention a few. The consultancy policy is at an advanced stage and is expected to be in place by the time this laboratory will be commissioned.

The Vice Chancellor's research grant and innovation award for the year 2019/2020 attracted six research proposals and six innovations. Four proposals were awarded and the research projects have commenced. The 5th Vice Chancellor's call will be advertised in December 2020. Other externally funded projects are still in progress.

To the graduating class of 2020, the Directorate of Research, Innovation and Consultancy congratulates you on your well-deserved success. We look forward to engaging you more in future in our mandate as a Directorate.

In the 'new normal' we will not watch you walk across the stage like we have always dreamed, however, we celebrate your every step with confidence since you are part of our success story.

DIRECTORATE OF QUALITY ASSURANCE AND PERFORMANCE MANAGEMENT



**Dr. Benson M. Mwangi, PhD
Director**

The Directorate for Quality Assurance and Performance Management main goal is to ensure that the University offers quality academic services to the students in order to produce graduates fit for purpose as expected by our stakeholders. In the 21st century, graduates are expected to have acquired skills of collaboration, communication, creativity and critical thinking. To achieve this goal, the Directorate for Quality Assurance and Performance Management has instituted strategies and policies that ensure continuous improvement of academic quality and performance management in the university in line with the Commission for University Education Standards and Guidelines.

Since 2016, the Directorate has embarked on strategies aimed at institutionalizing a culture of quality delivery of academic services including timely lecture takeoff, commitment of lecturers to teaching and learning, setting of quality exams and providing efficient and effective examination administration. As such the Directorate has consistently monitored and evaluated the teaching and learning activities in the University every semester and submitted reports to DVC – ASA for action. During the Covid 19 lockdown period (March to July 2020), the Directorate embarked on instituting strategies for implementation of online teaching and learning. Working together with the ICT Directorate, lecturers were trained on virtual teaching and the use of University Learning Management System (LMS) for teaching. Continuous monitoring on the effectiveness of the online teaching was carried

and reports submitted to senate for discussion. Through these efforts, online teaching has now been institutionalized in the university and the Directorate is working on evaluation and monitoring criteria based on the CUE guidelines.

Physical classes for 1st year students commenced on 19th October 2020 and the Directorate immediately commenced monitoring of lecture takeoff. Overall, lecture takeoff for the 1st week was about 70%, above usual times when the average is about 60%. It is expected that lecture take off could have reached over 90% if it were not for the many other activities that were ongoing such as administration of exams for continuing students, meetings and PC- ISO audits.

DIRECTORATE OF INFORMATION AND COMMUNICATION TECHNOLOGY



**Mr. Stephen Kahara,
Ag. Director**

Congratulations to the graduating class of 2020!

Nothing can diminish our pride in you or our hopes for your future on the completion of your University education. This is a great accomplishment! Forever people will recognize the Class of 2020 as a special group of students who faced a great challenge. Covid 19 and all the havoc it caused will be but a minor blip in your path to success as you move out into the world of work. May these unique circumstances give you resilience and inspire you to make the world a better place when you go back into it. Embrace the challenges in front of you with energy and confidence.

In light of the rising concerns about the spread of COVID-19 and calls to contain the Corona Virus, teaching and learning in education institutions was disrupted and schools were shut down in March 2020 in regards to face-to-face classes. Far-reaching restrictions remain in place, and any prediction as to when closures will end completely seems to be hardly possible at the moment. It is now clear that society needs flexible and resilient education systems as we face unpredictable future. Against the

backdrop of the COVID-19 outbreak, various policy initiatives are being launched by the Kenya government. In matters of education, the government has developed a three-pronged approach to aid the continuation of learning remotely, adhering to the international and national guidance for social distancing, quarantine and self-isolation. The Ministry of Education has encouraged Universities to innovatively adopt information and communication technologies to ensure teaching and learning is taking place.

The University's shut down confronted lecturers, students, and parents with an entirely new situation. Continued teaching and learning was only possible through alternative means of schooling. Murang'a University of Technology abruptly and comprehensively adopted online learning, remote work, and other activities to help contain the spread of the virus. The ICT Directorate has continuously supported the Academic division to extend classroom learning to the home, where lecturers and students, using their computers and smart phones, were connected to high-speed Internet. This is the new norm as universities worldwide are moving more and more towards online learning or E- Learning. The University has developed the following ICT infrastructure and facilities:

1. Network Infrastructure

The University embarked on enhancing the network Infrastructure and capacity to offering both online and blended learning enabling finishing the semester work remotely. The University network backbone is an Ethernet operating over fiber-optic cables of 1 Gb/s with current internet bandwidth capacity of 200Mb/s, an essential element for teaching and learning. This capacity is distributed across the University through Ethernet and Wireless Access devices (Wi-Fi) strategically located across the campus.

2. Tools for Remote Teaching, Learning and Assessment

The University has configured a Learning Management System to advance a student-centred, intellectually stimulating, and technologically advanced teaching, learning, and research environment. The system is integrated with the mainstream Enterprise Resource Planning (ERP) System and a web conferencing software so that course rooms are created automatically. The Platform has a Quiz Module, a feature which enables the administration of online examinations within the online classrooms. The platform also works with standard office software tools which are particularly effective to collate ideas online and develop collaborative responses.

To ensure the integrity of the examinations and to guard against situations where candidates may have an unfair advantage over other candidates, the University has used a secured system to safeguard online examination. The system comprises monitoring tools, guidelines and protocols for quality assurance of the online examinations, allowing candidates to take exams anywhere, at any time, while still being supervised.

3. Access library services remotely

The University has taken advantage of a campus-wide .

network for the purpose of providing enhanced access to library services. The library subscribes to electronic resources that can be accessed off campus. Library Catalogs are available to all through the Internet. Only current MUT Students, Faculty, and Staff are eligible to access databases and other resources from off-campus. Remote access to library services and electronic resources, which is available twenty-four hours a day, could potentially save users time and the institution money. Remote access, however, is intended to supplement, not to supplant or discourage, in-house library use.

As a sustainability measure for online teaching and learning, the University is establishing an online Lecturer Resource Centre that will provide easy access to a variety of classroom materials that support teaching and learning, including recording of lectures for further sharing with students. This is an illuminated room with sound insulation to minimize echo. The establishment of this center shall enable the University to offer both face-face and online teaching, ensuring that all the necessary facilities are put in place to meet the Ministry of Health protocols.

All the best to you as you grow, achieve, and discover your greatness! Change the World!!!

DIRECTORATE OF CATERING AND ACCOMMODATION SERVICES



Dr. Janet Mbogani, PhD
Director

The directorate of catering and accommodation services has two departments namely catering and housekeeping. It is headed by a director who works closely with the department heads.

Catering department.

This department is headed by a catering officer and it is responsible for provision of all catering services in the University. The University runs two cafeterias for students and staff. The University offers subsidized meals on a pay as you eat arrangement to students. The department is expanding rapidly and targets to begin a production unit.

Housekeeping department

This department is headed by a housekeeper and it is responsible for all cleaning and accommodation services. The University enjoys a clean and serene environment that encourages academic excellence.

Accommodation spaces in the University hostels are few. The few spaces are offered on a first come first served basis pegged on early online booking. Tenancy agreement terms are given to students who upon consenting, are offered a place. The Universities concern for the welfare of students has seen it construct new hostels which will be completed soon.

The directorate also partners with hostel owners in an off campus program that offers student's accommodation. The program assists in tracking students in order to address their social as well as accommodation needs in a conducive environment. In partnership with ABNO, modalities are being made for students to access all forms of accommodation online.

The directorate has adhered to all COVID 19 requirements. All staff in the directorate have been tested in order to ascertain their COVID 19 status. They are also trained in all issues related to this pandemic

We appreciate your stay with us and congratulate you on your graduation.

DIRECTORATE OF PERFORMANCE CONTRACT AND ISO



Emmah W. Waruingi
Ag. Director

The Directorate of Performance Contract and ISO is currently headed by a Director who is assisted by one Senior Administrative Assistant and one Clerical Officer

The general purpose of the Directorate is to coordinate the implementation of the Quality Management System (QMS) as per ISO 9001:2015 Standard and also negotiated and vetted targets in the annual Performance Contract.

The intended outcome is customer satisfaction for both internal (students) and external customers. This would be derived from efficient service delivery and enhancement of a conducive environment.

To achieve the above intended outcome, the Directorate is charged with the under listed responsibilities:

1 Provide oversight in the facilitation of pre-negotiation, negotiation and vetting of performance targets with the Government and prepare the final annual performance contract and eventual signing of the same to ensure compliance.

2) Coordinate the cascading and signing of performance contracts within the University and facilitate the consolidation of evidence and evaluation of performance targets.

3 Advise the University Management on the current national, regional and international trends on performance contracting and appraisal to ensure the University keeps abreast with dynamic quality changes and expectations.

4) Facilitate training and sensitization workshops outlined in the performance contract to disseminate knowledge pertaining to quality standards.

5) Prepare monthly Management briefs on performance and quality management system implementation to inform management decisions.

6) To ensure that divisions, departments and sections submit their quarterly reports on a timely basis to facilitate easy compilation of reports for submission to the University and related Government ministries and agencies.

7) Evaluate the implementation of Quality Management System by conducting scheduled and unscheduled internal quality audits.

8) Coordinate management reviews of QMS as per ISO 9001:2015 guidelines to ensure compliance to quality standards

The University is currently certified to ISO 9001:2015 and the certification is expiring on 6th August, 2021. The process of reviewing documentation in preparation for recertification as well as re-alignment to take into account cross-cutting issues for example the challenges emanating from COVID-19 outbreak is in progress.

In performance contracting we are in the league of high performers in the Ministries, Departments and Agencies (MDAs) with a Composite Score of between 2.5 and 2.7 which is very good.

We have put down measures to attain a Composite Score of 2.4 and below which is excellent category.

This is an indicator that we are in strict adherence to our objectives aimed at realization of Murang'a University goals as outlined in the current Strategic Plan (2019-2023) and which are aligned to SPS, Kenya's Vision 2030 and the Big Four Agenda.

Just recently the University joined the international community in commemorating the World Day of Remembrance of Road Crash Victims as part of our commitment to realizing of the road safety target in our PC.

On behalf of the Performance Contract and ISO team I take this opportunity to congratulate all those graduating on this memorable and heartbreaking auspicious occasion which will doubtlessly leave an indelible mark not only in their hearts but also in the hearts of their parents, guardians and the entire MUT fraternity who in one way or the other contributed in the realization of this aspiration.

May the favor of the Almighty God guide every step you make in the actualization of your other aspirations whose impetus is your new adorable status.

Innovation for Prosperity



BOARD OF POST GRADUATE STUDIES



**Dr. Andrew Makori, PhD
Ag. Director**

I consider it a great honour, privilege, and responsibility on behalf of the Postgraduate Directorate to share my thoughts on your graduation day. The Covid 19 pandemic has affected the university graduation tradition of valedictorian and salutatorians addresses, common on such an occasion. That makes this year's graduation slightly different. It is not possible for us to gather and rejoice at your achievements as we would normally do on such occasions. But we thank God for the advancement of technology that has made your graduation possible in this version.

Let me now take this opportunity to congratulate you for your hard work that gives me pleasure to share in the intensity of emotions filling this moment. Today marks an important day in your life story, a closing of a chapter on one hand and the opening of another on the other hand. To get to this point was a milestone achievement. And therefore, you deserve a decent acknowledgment of the fruits of your hard work.

I recognise that you worked extraordinarily hard; you are now able to graduate and experience the joy of your labour.

It is often said that inspiration can be drawn from anything, anywhere. One can be inspired by pretty skies, beautiful faces, and heartwarming words- by anything. It is all a matter of perspective. When you are done with one matter at hand, you need new inspiration to push you through and succeed in another goal. You are all in what I can describe as a "commencement moment". It is a commencement moment because it is a gentle reminder that your professional life is beginning. It is also a commencement moment because it marks the beginning of one's career as a master of art at the university. It is a ceremony in which degrees and diplomas are conferred upon graduating students to mark such an occasion.

As you leave the corridors of the Murang'a University of Technology, I challenge you to find purpose in life and take your share in shaping the new world. The new world does not emerge by chance or natural laws but is created by the commitment and active thoughts. Go out there and be the creators of the future. You can all do it and make the world a better place for all and my best wishes are with you.

Let me take this special opportunity to welcome all those who may wish to join the various Postgraduate programmes of their areas of interest to stop by the Directorate of Postgraduate Studies for further consultation.

Thank you all.

DIRECTORATE OF OPEN, DISTANCE AND E-LEARNING (ODeL)



**Dr. Gabriel Kamau, PhD
Ag. Director**

The Director of Open, Distance, and eLearning (ODeL) congratulates the graduating class of 2020 for their hard work and resilience in pursuit of their studies that culminate in today's joyous celebration. Despite the unusual circumstance in which you completed your degree in your final semester, we are so proud that you. From the Directorate of ODeL, we join your parents, guardians, lecturers, mentors, sponsors, and other

stakeholders to celebrate your achievement.

The establishment of the Open, Distance and e-Learning (ODeL) directorate at the Murang'a University of Technology envisages providing an opportunity to everyone seeking to acquire quality higher education through open and distance learning. The directorate offers a platform for all faculties to deliver their programs using the Learning Management System to both On-campus and Off-campus students. ODeL will offer a combination of teaching and learning methods that include blended, distributed, asynchronous, synchronous, e-learning, and online modes of delivery. Through ODeL, students are provided with educational opportunities in discipline-specific coursework that utilize information technology tools for engaging in instruction and research.

I once again congratulate all those graduating today. I have deep faith that you will take what you learned at the Murang'a University of Technology and transform this experience into living proof that we can make our world a better place.

God bless you all.



CAREER SERVICES



**Dr. Tabitha Wanjiru PhD
Ag, Career Services Coordinator**

The career services office became operational in Murang'a University of Technology in adherence to the regulations by the Ministry of Education. This was established in the recognition of the fact that Kenya is committed to many international and conventional agreements aimed at the realization of the president's big Four Agenda, Vision 2030, African Union Agenda 2063 as well as the sustainable development Goals (SDGs)

The career services endeavors to assist students in the seamless transition from learning to earning. Since the establishment of the career Services in Murang'a University of Technology, the office has directed its effort in aligning to the laid down strategies by the Ministry which includes counseling services, student/industry linkages, apprenticeships, career fairs, recruitments, venture capital as well as graduate tracker services.

The office of Career services has continued to expose students to career opportunities that exist in view of the courses they are currently undertaking. The office has continued to train students on CV writing, personal etiquette, how to prepare for interviews as well as how to align their courses with entrepreneurship opportunities. The office has also invited High school students to come and familiarize with the University environment as they get exposed to the courses on offer and the prerequisite future careers. It has seized every opportunity to engage with the Community as a way of encouraging the young people, those in Primary as well as in High school on the need to wisely choose courses that will fit the job market.

The future of this office is very bright. As a way of maximizing the alumni pool, the office is in the process of adopting a tracking tool for all its graduates. This will enable the office to relate with the students while in the university and even after graduating. The office will continue to work with Industries to consider our students on employment opportunities especially where they go for attachment.

Success stories will continue to be posted in the career services website. Employment and entrepreneurship opportunities will also be continuously posted in this website which is www.careerservices@mut.ac.ke. The aspiration of the Career services office is that the students will remain engaged while at Murang'a University of Technology as well as after graduation, as our participation to prepare a pool of youths that engage in productive engagement for wealth creation and facilitation of attaining the stipulated Government goals.

UNIVERSITY LIBRARY



**Mr. James Tutu Macharia
Ag, University Librarian**

Muranga University of Technology library staff congratulate the graduating class of 2020. The library fraternity is proud to have walked with you in your academic journey culminating in your graduation

The library is bestowed with the onus of acquiring and disseminating information resources that support teaching, training, research, and innovation in Muranga University of Technology. The library acquires information resources in both print and electronic format.

The library houses a print collection of over 30,000 volumes and provides access to over 30 subscribed e-resource databases 79,000 peer-reviewed international journals, books, and databases in health, agriculture, environment, development, and innovation, among other subjects. The research output of the lecturers and university scholarly publications are archived in the digital repository.

The library is equipped with comfortable reading chairs and carrels, with ample lighting, and adequate wifi hot spots for internet access. The Online Public Access Catalogue (OPAC) provides access to information about the library holdings. The OPAC is accessible on and off-campus, 24/7. The e-resources are also accessible on campus and remotely.

The library staff are qualified and experienced. The staff are friendly, approachable and readily available for help with access and use of library resources. The staff orient first year, new university staff and students to the library to familiarize them with its outlay, service points and services.

INDUSTRIAL ATTACHMENT



Mr. Vincent O. Atambo
Coordinator

I take the opportunity to offer my sincerest congratulations and wish you every happiness in your well-earned achievement and I hope that you will each celebrate in style while observing covid-19 health protocols. Despite the covid-19 pandemic I hope that some of you secured jobs in firms that you undertook your industrial attachment. I am happy that you embraced industrial attachment as an industry-based practical training experience that prepares trainees for the tasks they are expected to perform on completion of their training. I am reporting that you gave the University a good name in industries/firms that you undertook your industrial attachment.

I want to remind you to follow your passion, stay true to yourself and never follow someone else's path, unless you are lost and you can't see your path. Also beware that even if you are on the right track, you will get run over if you just sit there.

EMPLOYEE OF THE YEAR 2019



Mr. Wilson Kariuki

I am grateful for receiving the employee of the year award. I thank the University for finding me worthy to receive this esteemed award. I cannot forget the support that has been offered to me by my colleagues in the department and all staff. They have accorded me a good working environment, and while this award is addressed to me, their efforts in making this possible should not go unrecognized.

I also recognize the accomplishments of my colleagues, who have not been awarded but have contributed immensely to the growth of the University since it was chartered. I do agree that every other employee would have been worthy of this recognition.

Since I became an employee of the university, I have driven my motivation from the mission statement, which requires that staff and students be accorded quality services and advance knowledge and technological transfer.

Thank you for being a part of this journey, and I wish you an exciting new year.

Innovation for Prosperity

OFFICE OF THE DEAN OF STUDENTS



**Dr. Jacob Asige Chavulimu, PhD
Ag. Dean of Students**

The office of the Dean of Students would like to congratulate the 2020 graduating team on this special occasion. This day marks the beginning of new things in your career lives as well as displaying the outcome of your exemplary work in academics.

The office of the Dean of Students' main goal is to promote the well being of students outside lecture rooms. The office comprises of the Students Governance (MUTSO), Clubs & Societies, Games & Sports, Guidance & Counselling, and Financial Aid (Work study programme, Bursary recommendations & coordinating matters HELB). The office works closely with other sections in the university which includes though not limited to: the Health Unit, Catering & Accommodation and Security.

Every year students elect their leaders in accordance with their constitution. The elected leaders form the Murang'a University of Technology Students' Organization which is the main organ for students' governance. Seven leaders are elected as the Council officials who represent the entire students' body in decision making bodies in MUT at the same time advocate and lobby for students rights and their welfare.

Murang'a University of Technology accommodates clubs & societies. There are several registered clubs and societies in the university that membership is drawn from the students body. Some of the clubs include though not limited to: Drama, Red Cross, Karate, Peer Counsellors/educators', Entrepreneurs', etc. The clubs have in most cases participated in outreach activities such tree planting, Murang'a town clean-up, blood donation and charity work. There are several societies most of them being religious such as: the Muslim Association, Christian Union, Seventh Day Adventist, Catholic Action, etc. These societies have involved themselves in religious gatherings both on and off-campus.

Our students participate in all sporting activities in both regional and national levels. These sporting activities range from though not limited to: Football, Netball, Volleyball, Basketball, Hockey, and many other indoor games. The university teams have won many trophies in this section.

Guidance and Counselling services are available in Murang'a University of Technology. There is an office that creates a conducive therapeutic environment that promotes clients' holistic development. The mission of this office is to enable our clients develop psychologically, cognitively and emotionally; prevent and overcome undesired behaviours; identify and develop skills and abilities as well reinforce positive behaviour and learn ways of coping with their issues. Cases that this office handle include and not limited to: Drug abuse, relationships, rejection, trauma, fear and anxiety, suicidal ideation, loss and grief, stress, career guidance, family issues, domestic violence, etc. The office works hand in hand with the Aids Control Unit (ACU), Alcohol and Drug abuse Committee (ADA), the university Health Unit and the Murang'a level 5 Hospital on matters HIV/Aids. The office also trains peer counsellors and educators who are recruited from among the students annually to assist in this noble service. Peer counsellors/educators undergo an assessment after training as a monitoring strategy. They are issued with a reporting tool designed purposely to assess their performance as they put into practice what they have been trained to do. There's a qualified officer manning this office.

There's a work study programme on campus that is coordinated by the office of the Dean of Students. This programme is for the needy students who are vetted by a committee upon application. They are then appointed and posted to work in various sections of the university for a number of hours in a day after which, the pay goes towards fees payment.

The office of the Dean of Students serves as the university link to Higher Education Loans Board (HELB). The board is committed to supporting needy students in the university. All students are eligible to benefit from HELB as long as they give the right information on application. You are encouraged to consult the Dean of Students' office on all matters HELB.

The office of the Dean of Students would like to congratulate the 2020 graduating team on this special occasion. This day marks the beginning of new things in your career lives as well as displaying the outcome of your exemplary work in academics.

MESSAGE FROM THE MUT ALUMNI REPRESENTATIVE



Nzioka Joseph Muinde
MUT Alumnus

On this graduation day I bring you greetings on behalf of all the alumni of Murang'a University of Technology. The class of 2020 shall forever remain in our minds for successfully completing studies after the effects of Covid-19. Congratulations and you are the finest ambassadors of our institution by further cementing our vision of being a leading university in technological innovation. I would also like to thank MUT for being selfless in giving all comrades full support through the years of study.

You are also special in that you are joining a fully functioning Murang'a University of Technology Alumni Association (MUTAA) which was officially launched in the year 2019 by our vice chancellor. I look forward to welcoming you in the association; remember this graduation is not the end of your relationship with MUT but has marked a continuation of life time membership because you've transitioned from a student to an alumnus.

There are many challenges which you are expected to address out there, this sometimes may affect our routinely interactions as a MUT family, hence this association exist to ensure we are all in touch and are able to assist each other in all areas of human endeavor and subsequently give back to our great institution in whichever form. We shall remain connected through thus associating.

Graduands remember the certificate you've acquired today marks the beginning of another opportunity. I encourage you to pursue higher levels preferably in our university. We say the sky is no longer the limit, but a stepping stone to universe.



The Vice Chancellor and other members of the University Management Board joining the group photo with other Alumni after the Launching of Alumni Association

MESSAGE FROM THE STUDENTS GOVERNING COUNCIL



Mr. Kevin Onsale
MUTSO Chairman

I pen this down to you not as an arrivederci, but as an emblem of recognition of the myriad challenges you've had to jostle with throughout your stay in Murang'a University of Technology. You are all heroes, not because you beat all odds but because in the midst of it, you remained strong, portraying your resilience even in the most arduous part of the journey. In deed, you proved your selves as the best definition of plasticity, allowing yourselves to be easily moulded and shaped.

You have spent the most part of your years in the university being tailored and rail ridden in all aspects of life, to press the best juice out of you. Your lecturers, parents, mentors and fellow comrades have equipped you with the vital tools for your various lines of study, to ensure that you were fully backed.

Logic has proven times without numbers that where much energy is spent, much work is done, and science told us that the more the input, the more the output, but is it not true that to whom much is given, much is anticipated?

For all the energy spent on you, you are required to go into the world and radiate the rays of humility among peers, display solidarity in times of trouble, portray utmost service to humanity, show love to the dejected and bind those in disunity.

We require of you to allegorically represent abstract

principles instilled in you at MUT by your character, abhorring and loathing all forms of quackery and disservice to humanity, repugnant every kind of injustices to humanity, giving what it takes to bring sanity in the world, expending your energy on being the answer sheet to significant problems facing humanity and being the marking scheme for character appraisal

Set good precedence to widen the doors of trust for more comrades yet to come after you in the corporate world, never prove yourselves worthy but let your service and characters do.

Be marketed as a brand of honesty, trustworthiness, good charm and competence, bearing a nuanced and multifaceted understanding on how to work with people of different colours, races, religions, beliefs and social statuses.

Let God order your steps, let intellect compose your reasoning and in the words of Bishop Sprat, let your zeal be composed of the highest degree of all pious affection.

We admonish you to detest shortcuts for they will cut you shortly from any good. Face life with utmost bravery but in the meekest way possible, turning your wildest challenges into your greatest opportunities, living under the comfort and solace of the ryder, **all shall be well!**

The world is waiting in owe for you to get out, manifest yourselves and serve it. Serve it till it needs no more service, serve it till you are no more, serve it till its pleased and serve it till you feel the service.

Finally, I can't be proud of you more, I can't be proud of your lecturers more, I can't be proud of your parents more and I can't be proud of your fellow comrades more.

You have done it, continue doing it!
As I clip up my pen, may the mercies of God follow you all the days of your life!

Innovation for Prosperity

ACADEMIC PROGRAMMES

SCHOOL OF BUSINESS AND ECONOMICS

Department of Human Resource Management

- Doctor of Philosophy in Human Resource Management
- Doctor of Philosophy in Business Administration
- Doctor of Philosophy in Public Administration
- Master of Public Administration
- Master of Science in Human Resource Management
- Master of Science in Entrepreneurship
- Bachelor of Science in Human Resource Management
- Bachelor of Science in Entrepreneurship & Small Enterprise Management
- Diploma in Human Resource Management

Department of Commerce

- Master of Business Administration
- Bachelor of Commerce
- Bachelor of Procurement and Supply Chain Management
- Diploma in Business Management - Procurement
- Diploma in Business Administration
- Diploma in Business management - Finance
- Diploma in Procurement and Supply Chain Management
- Certificate in Procurement and Supply Chain Management
- Certificate in Business Management

SCHOOL OF BUSINESS AND ECONOMICS

Department of Electrical and Electronic Engineering

- Doctor of Philosophy in Electrical and Electronics Engineering
- Master of Technology in Electrical and Electronics Engineering
- Bachelor of Science in Electrical and Electronic Engineering
- Bachelor of Technology in Electrical and Electronic Engineering
- Diploma in Electrical and Electronics Engineering

Department of Building and Civil Engineering

- Diploma in Civil Engineering
- Diploma in Building Construction Technology

Department of Mechanical Engineering

- Bachelor of Technology in Mechanical Engineering
- Diploma in Mechanical Engineering

SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES

Department of Physical and Biological Science

- Doctor of Philosophy in Chemistry
- Master of Science in Chemistry
- Bachelor of Science in Analytical Chemistry
- Bachelor of Science in Industrial Chemistry
- Bachelor of Science (General)
- Diploma in Applied Biology
- Diploma in Analytical Chemistry

Department of Mathematics and Actuarial Science

- Master of Science in Statistics
- Bachelor of Science in Mathematics and Computer Science
- Bachelor of Science in Mathematics and Economics
- Bachelor of Science in Applied Statistics with Programming
- Bachelor of Science in Actuarial Science

SCHOOL OF HEALTH SCIENCES

- Bachelor of Science in Community Health
- Bachelor of Science in Medical Laboratory Science
- Bachelor of Science in Environmental Health
- Diploma in Science Laboratory Technology
- Diploma in Pharmaceutical Technology
- Diploma Community Health
- Certificate in Science Laboratory Technology

SCHOOL OF HOSPITALITY AND TOURISM

Department of Tourism Management

- Doctor of Philosophy in Tourism and Hospitality Management
- Master of Philosophy in Tourism and Hospitality Management
- Bachelor of Tourism Management
- Bachelor of Travel and Tours Management
- Bachelor of Science in Events and Leisure Management
- Diploma in Tourism Management
- Certificate in Tourism Management

Department of Hospitality Management, Food Science Technology and Nutrition

- Bachelor of Hospitality Management
- Bachelor of Science in Food Science and Technology
- Bachelor of Science in Food, Nutrition and Dietetics
- Diploma in Hospitality Management
- Diploma in Nutrition and Dietetics
- Diploma in Food Science and Technology
- Certificate in Hospitality Management
- Certificate in Nutrition and Dietetics

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

Department of Computer Science

- Doctor of Philosophy in Computer Science
- Master of Science in Computer Science
- Bachelor of Science in Software Engineering
- Bachelor of Science in Computer Science
- Bachelor of Science in Computer Technology
- Diploma in Computer Science
- Diploma in Computer Engineering and Technology
- Certificate in Computer Repair and Maintenance

Department of Information Technology

- Doctor of Philosophy in Information Technology
- Master of Science in Information Technology
- Postgraduate Diploma in Information Technology

- Bachelor of Science in Information Technology
- Bachelor of Business Information Technology (BBIT)
- Diploma in Information Technology
- Certificate in Information Technology

SCHOOL OF EDUCATION

- Doctor of Philosophy in Educational Technology
- Doctor of Philosophy in Early Childhood Development
- Doctor of Philosophy in Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)
- Master of Educational Technology
- Master of Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)
- Master in Education (Educational Communication Technology)
- Bachelor of Technology Education (with options; Civil Engineering, Mechanical Engineering and Electrical Engineering)
- Bachelor of Education (Science)
- Bachelor of Education (Arts)
- Bachelor in Early Childhood Development Education

SCHOOL OF AGRICULTURE

- Doctor of Philosophy in Agricultural Economics
- Master of Science in Agricultural Economics
- Bachelor of Science in Agricultural Education and Extension
- Bachelor of Science in Agribusiness Management and Enterprise Development


SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

- Doctor of Philosophy in Development Studies
- Doctor of Philosophy in Linguistics
- Master of Arts in Development Studies
- Master of Arts in Linguistics
- Master of Arts in Communication and Media Studies
- Master of Science in Criminology and Security Studies
- Bachelor of Science in Criminology and Security Studies
- Bachelor of Linguistics and Communication Studies
- Bachelor of Development Studies with IT
- Diploma in Criminology and Security Studies
- Diploma in Public Relations
- Diploma in Journalism and Media Studies



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